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Graphite Electrode

Declaration: Graphite electrode is NOT a standard commodity. Actual dealing prices of graphite electrode are different due to raw materials proportion, raw materials quality and type of payment (by cash or by acceptance).

Price assessment and factories' quotation listed on BAIINFO website, bigdata platform, publication and those from BAIINFO analysts are for reference only.

➤ Price Assessment

For the assessment period (Jun. 30 – Jul. 6), RP 500 mm graphite electrode price was RMB 16,500-17,000/T; HP 500mm price was RMB 16,500-17,500/T; UHP 450mm and 600mm price was RMB 17,000-17,500/T and RMB 19,500-20,500/T, respectively.

Graphite electrode market price averaged RMB 17,398/T, the same level WoW. (To better reflect market situation, the average price calculation sample has changed from RP 400-500mm, HP 450-600mm, UHP 450-700mm to RP 300-600mm, HP 300-600mm, UHP 300-700mm)

➤ Price Indicators

Ordinary-power Graphite Electrode (Unit: RMB/T)

Specifications	6/Jul/23	29/Jun/23	Remarks
300mm	16,000-16,500	16,000-16,500	Mainstream, EXW, VAT included
350mm	16,000-16,500	16,000-16,500	Mainstream, EXW, VAT included
400mm	16,000-16,500	16,000-16,500	Mainstream, EXW, VAT included
450mm	16,000-16,500	16,000-16,500	Mainstream, EXW, VAT included
500mm	16,500-17,000	16,500-17,000	Mainstream, EXW, VAT included
550mm	16,500-17,000	16,500-17,000	Mainstream, EXW, VAT included
600mm	17,000-17,500	17,000-17,500	Mainstream, EXW, VAT included

High-power Graphite Electrode (Unit: RMB/T)

Specifications	6/Jul/23	29/Jun/23	Remarks
300mm	16,000-17,000	16,000-17,000	Mainstream, EXW, VAT included
350mm	16,000-17,000	16,000-17,000	Mainstream, EXW, VAT included
400mm	16,500-17,500	16,500-17,500	Mainstream, EXW, VAT included
450mm	16,500-17,500	16,500-17,500	Mainstream, EXW, VAT included
500mm	16,500-17,500	16,500-17,500	Mainstream, EXW, VAT included
550mm	17,000-18,500	17,000-18,500	Mainstream, EXW, VAT included
600mm	18,000-19,000	18,000-19,000	Mainstream, EXW, VAT included

Ultra-high power Graphite Electrode (Unit: RMB/T)

Specifications	6/Jul/23	29/Jun/23	Remarks
300mm	16,500-17,000	16,500-17,000	Mainstream, EXW, VAT included
350mm	16,500-17,000	16,500-17,000	Mainstream, EXW, VAT included
400mm	17,000-17,500	17,000-17,500	Mainstream, EXW, VAT included
450mm	17,000-17,500	17,000-17,500	Mainstream, EXW, VAT included
500mm	17,500-18,000	17,500-18,000	Mainstream, EXW, VAT included
550mm	17,500-18,000	17,500-18,000	Mainstream, EXW, VAT included

Steel

Graphite ElectrodeCarbon ElectrodeNeedle CokeCarburantElectrode PasteSteel

Aluminum

Prebaked AnodeCathode Carbon LumpElectrically Calcined Anthracite

Aluminum

Upstream & DownstreamGreen Petroleum CokeCalcined Petroleum CokeCoal Tar PitchSilicon MetalLithium BatteryAnode MaterialsIsostatic GraphiteStatisticsProducers & PricesImport & Export Data

600mm	19,500-20,500	19,500-20,500	Mainstream, EXW, VAT included
700mm	23,500-24,500	23,500-24,500	Mainstream, EXW, VAT included

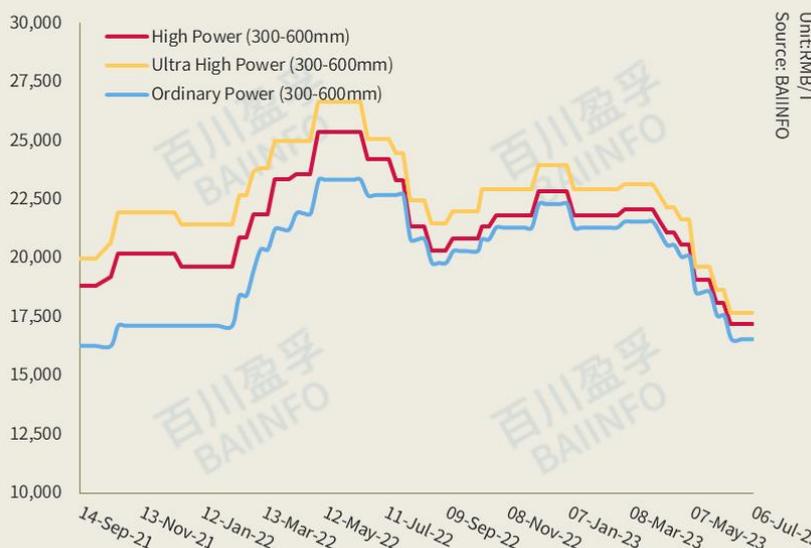
Graphite Electrode Price Change in China (Unit: RMB/T)

Grade	Week avg.	Last week avg.	WoW	MoM	YoEY*	YoY	Steel
RP 400mm	16,250	16,250	0.00%	-10.96%	-26.14%	-27.78%	<u>Graphite Electrode</u>
RP 500mm	16,750	16,750	0.00%	-10.67%	-25.56%	-27.17%	<u>Carbon Electrode</u>
HP 450mm	17,000	17,000	0.00%	-10.53%	-25.27%	-29.90%	<u>Needle Coke</u>
HP 600mm	18,500	18,500	0.00%	-6.33%	-21.28%	-26.00%	<u>Carburant</u>
UHP 450mm	17,250	17,250	0.00%	-10.39%	-26.60%	-31.00%	<u>Electrode Paste</u>
UHP 600mm	20,000	20,000	0.00%	-9.09%	-24.53%	-28.57%	<u>Steel</u>
UHP 700mm	24,000	24,000	0.00%	-7.69%	-21.31%	-20.00%	<u>Aluminum</u>

*Above prices include VAT.

*YoEY refers to the change compared with the number in early of the year.

China's Graphite Electrode Price Trend



➤ Market Briefing

China graphite electrode market was settled. Demand was limited. Despite inquiries, deals were numbered. Prices of small and medium-sized UHP graphite electrode were mixed, and many were at low levels. Cost support was insufficient. Graphite electrode market was still oversupplied.

On supply end, graphite electrode production was observed as ordinary. Mainstream graphite electrode producers kept production normal amid acceptable transactions. Partial small and medium-sized graphite electrode producers made products on orders and they might still curtail production in Jul. Individuals did not have production recovery plans yet.

On demand end, graphite electrode consumption remained tepid. In Southwest China, due to power shortage, EAF steel production decreased again, with less demand for graphite electrode. Large-sized steel mills took cargoes on demand. Amid bidding-down approaches and funds pressure, graphite electrode producers had to perform discounts and mostly bore deficits. Demand from silicon metal and yellow phosphorus sectors kept stable. But yellow phosphorus production started being curbed due to power shortage as well.

- Steel
- Graphite Electrode
- Carbon Electrode
- Needle Coke
- Carburant
- Electrode Paste
- Steel
- Aluminum
- Prebaked Anode
- Cathode Carbon Lump
- Electrically Calcined Anthracite
- Aluminum
- Upstream & Downstream
- Green Petroleum Coke
- Calcined Petroleum Coke
- Coal Tar Pitch
- Silicon Metal
- Lithium Battery
- Anode Materials
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On feedstock end, raw materials prices failed to generate strong support. Needle coke market sustained stability. Coal tar pitch average price ramped up this week, but fresh order price tended to go down.

➤ Forecast

Graphite Electrode Price Trend Forecast Next Week

Influencing factors	Weight	Reminder	
Production	★★★★	Producers reduce production	Steel
Downstream	★★★★	Limited purchases from steel mills	Graphite Electrode
Inventory	★★	Middle to low level	Carbon Electrode
Export	★★★	Russia-Ukraine conflict; EU anti-dumping investigation final ruling	Needle Coke
Upstream	★★★	Weak cost support	Carburant
Cost & Profit	★★★	Bad profitability	Electrode Paste
Others	★★	Policy	Steel

As terminal steel market meets with slack season, steel inventories are difficult to consume. In a short term, steel production may not increase, still bringing bearish effects. But good news is that graphite electrode supply decreases and inventory pressure is moderate. In a near term, graphite electrode price may be weakly stable.

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Carbon Electrode

➤ Price Assessment

For the assessment period (Jun. 30 – Jul. 6), carbon electrode deals were mostly made at RMB 13,000-15,200/T. As of Jul. 6, carbon electrode market average price was at RMB 13,900/T.

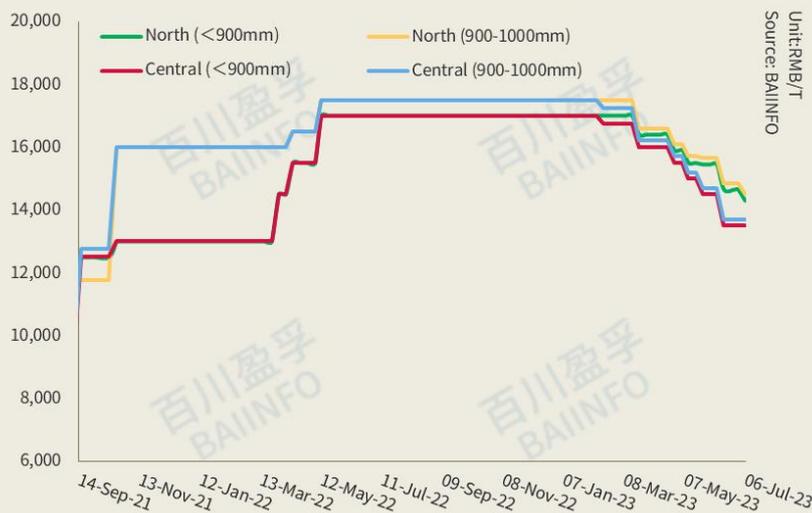
➤ Price Indicators

Carbon Electrode (Unit: RMB/T)

Regions	Specifications	Change	6/Jul/23	29/Jun/23	Remarks	
North	<900mm	-1,200	15,000	16,200	EXW, VAT included	Aluminum
	960mm	-1,200	15,000	16,200	EXW, VAT included	Prebaked Anode
	1020mm	-1,200	15,000	16,200	EXW, VAT included	Cathode Carbon Lump
	1060mm	-1,200	15,000	16,200	EXW, VAT included	Electrically Calcined Anthracite
	1146mm	-1,200	15,000	16,200	EXW, VAT included	Aluminum
	1272mm	-1,200	15,200	16,400	EXW, VAT included	Upstream & Downstream
Middle	<900mm	0	13,500	13,500	EXW, VAT included	Green Petroleum Coke
	960mm	0	13,500	13,500	EXW, VAT included	Calcined Petroleum Coke
	1020mm	0	13,500	13,500	EXW, VAT included	Coal Tar Pitch
	1060mm	0	13,500	13,500	EXW, VAT included	Silicon Metal
	1146mm	0	13,800	13,800	EXW, VAT included	Lithium Battery
Southwest	1272mm	0	13,800	13,800	EXW, VAT included	Anode Materials
	<900mm	0	13,000	13,000	EXW, VAT included	Isostatic Graphite
	960mm	0	13,000	13,000	EXW, VAT included	Statistics

1020mm	0	13,000	13,000	EXW, VAT included
1060mm	0	13,000	13,000	EXW, VAT included
1146mm	0	13,000	13,000	EXW, VAT included
1272mm	0	13,500	13,500	EXW, VAT included

China's Carbon Electrode's Average Price in Regions



➤ **Market Briefing**

Domestic carbon electrode market kept stable overall, but price in North China went down. Shipment was flat. It was the wet season in the South. Silicon metal price was difficult to rise, with ordinary support to carbon electrode market.

On supply end, carbon electrode output and the operation rate stayed largely stable in Jun. Mainstream producers mostly executed earlier production plans.

On demand end, silicon metal market prices basically remained fixed. Up to Jul. 6, the average reference price was at RMB 13,505/T, up RMB 22/T compared with Jun. 29. Silicon metal market became brisk and suppliers intended to keep the offer firm. However, with so many bearish factors, the price was lack of upward supports.

On feedstock end, raw materials prices were stable or sustained uptrend. Coal tar pitch average price ramped up WoW. Price for CPC produced with GPC of Jinxi Petrochemical stayed at RMB 4,600/T. Electrically calcined anthracite price was unchanged at RMB 3,750/T.

➤ **Forecast**

Carbon Electrode Price Trend Forecast Next Week

Influencing factors	Weight	Reminder
Supply	★★★★	Production to be largely stable
Downstream	★★★★	Flat demand
Cost & Profit	★★★	Raw materials prices generate some support
Market Sentiment	★★	Price to remain stable

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In next week, carbon electrode market is expected to sustain stability, with trading price at RMB 13,000-15,000/T. In downstream, silicon metal market price is hard to gain support, and purchases on carbon electrode are on need. On feedstock end, partial raw materials prices may go down, bringing bearish effects.

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Needle Coke

Price Assessment

Up to Jul. 6, domestic calcined needle coke price was RMB 6,500-9,500/T; raw needle coke price was RMB 4,500-5,500/T.

Imported - Oil-based needle coke trading price was USD 450-1,250/T for raw needle coke, USD 950-1,700/T for calcined needle coke (GE production) and USD 800-1,300/T for calcined needle coke (anode materials production). Imported coal-based needle coke mainstream trading price was USD 1,100-1,150/T.

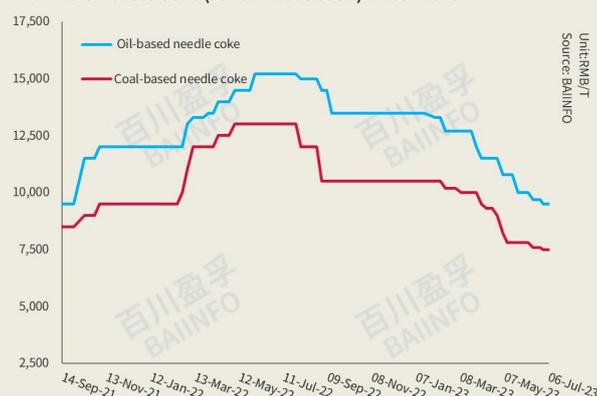
Price Indicators

Needle Coke Price Change in China (Unit: RMB/T)					
Grade	Week avg.	WoW	MoM	YoEY*	YoY
Domestic oil-based (calcined)	7,000-9,500	0.00%	-5.00%	-29.63%	-37.50%
Domestic coal-based (calcined)	6,500-7,500	0.00%	-3.85%	-28.57%	-42.31%
Domestic oil-based (uncalcined)	5,000-5,500	0.00%	-8.33%	-38.89%	-52.17%
Domestic coal-based (uncalcined)	4,500-5,000	0.00%	-3.85%	-41.18%	-50.00%
Imported oil-based	950-1,700	0.00%	-10.53%	-15.00%	-26.09%
Imported coal-based	1,150	0.00%	-8.00%	4.55%	-37.84%

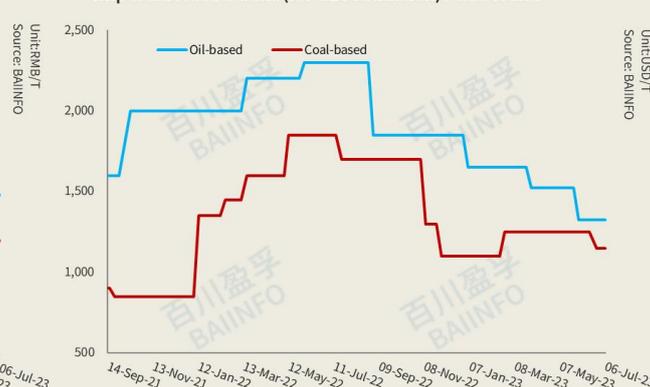
*Above prices include VAT.

*YoEY refers to the change compared with the number in early of the year.

China's Needle Coke (for GE Production) Price Trend



Imported Needle Coke (for GE Production) Price Trend



*BAIINFO has modified data for imported needle coke price trend chart from low-end price to average price in order to reflect market condition more faithfully.

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➤ Market Briefing

China needle coke market price was stabilized. Oil-based needle coke supply was ample, but shipment was flat. Anode materials producers adopted strong bidding-down approaches. Only a few coal-based needle coke enterprises ran normally. Demand registered weakness. Most products were made for self-use. Besides, as raw material cost was high, some enterprises indicated that they would suffer deficits as soon as they returned to production.

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Raw materials prices moved up. Within the week, crude oil market closed a bit higher, lending support to oil slurry price. Thus, oil slurry price picked up, and cost pressure on oil-based needle coke enterprises grew. Coal tar pitch average price floated up, which might support coal-based needle coke price. Later, however, pitch price may still move down.

Needle coke consumption stayed weak. Anode materials market rallied, yet purchases were mostly small orders. Anode materials producers turned to take low-priced cargoes or mid and low-sulfur GPC to reduce cost. Graphite electrode market ran weakly, with rigid demand for needle coke.

➤ Forecast

Needle Coke Price Trend Forecast Next Week

Influencing factors	Weight	Reminder	
Production	★★★★★	Ample supply	Electrically Calcined Anthracite
Downstream	★★★★★	Downstream demand to rally	Aluminum
Cost & Profit	★★	Feedstock prices mainly go up	Upstream & Downstream
Market sentiment	★★	Needle coke enterprises hold watching mood	Green Petroleum Coke
Inventory	★★★	Middle-to-high level of inventory at plants	Calcined Petroleum Coke
Import market	★★	Price stays weak	Coal Tar Pitch

In next week, needle coke market may be weakly stable amid dim trading performance. Raw materials prices are expected to edge lower, and cost support will be insufficient. Downstream buying indications are low and buyers take cargoes on need. Supply is relatively sufficient. Trading price (VAT included) is expected to be RMB 6,500-9,500/T for calcined needle coke (both oil and coal based) and RMB 4,500-5,500/T for raw needle coke (both oil and coal based), respectively.

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➤ Price Assessment

Until Jul. 6, calcined coal carburant price was assessed as RMB 2,000/T in North China; in Northwest China, the price was RMB 1,950/T.

Mainstream trading level of calcined petcoke carburant (S<0.5; A<0.5) was RMB 4,600/T in North China, while RMB 4,600/T in Northeast China.

Mainstream trading price of graphitized petcoke carburant (C>98.5%; 1-5mm) was RMB 4,700/T in North China. In Central China and East China, the trading prices were both RMB 4,700/T.

► Price Indicators

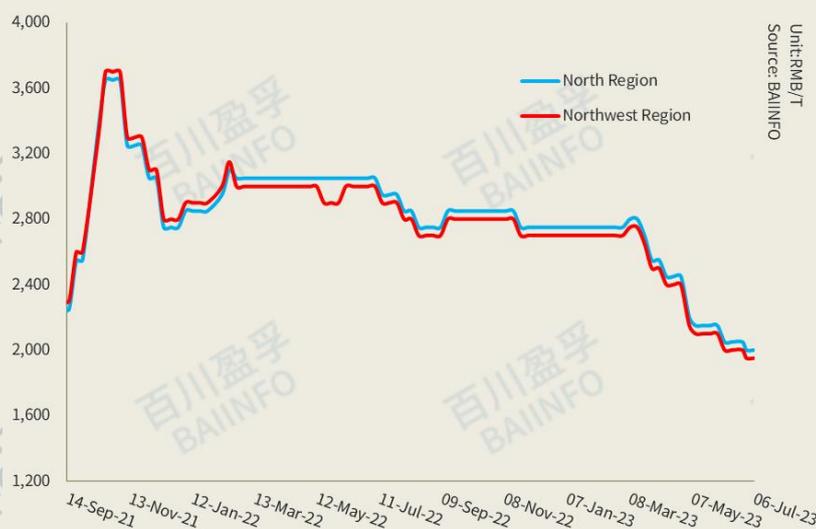
Calcined Coal Carburant Price Change in China (Unit: RMB/T)

Region	Jul. 6	Week avg.	Jun. 29	Last week avg.	MoM	Mo3M	YoEY*	
North China	2,000	2,000	2,000	2,000	-2.44%	-21.57%	-27.27%	Steel
Northwest China	1,950	1,950	1,950	1,950	-2.50%	-22.00%	-27.78%	Graphite Electrode

*Above prices do not include VAT.

*YoEY refers to the change compared with the number in early of the year.

China's Calcined Coal Carburant's Average Price

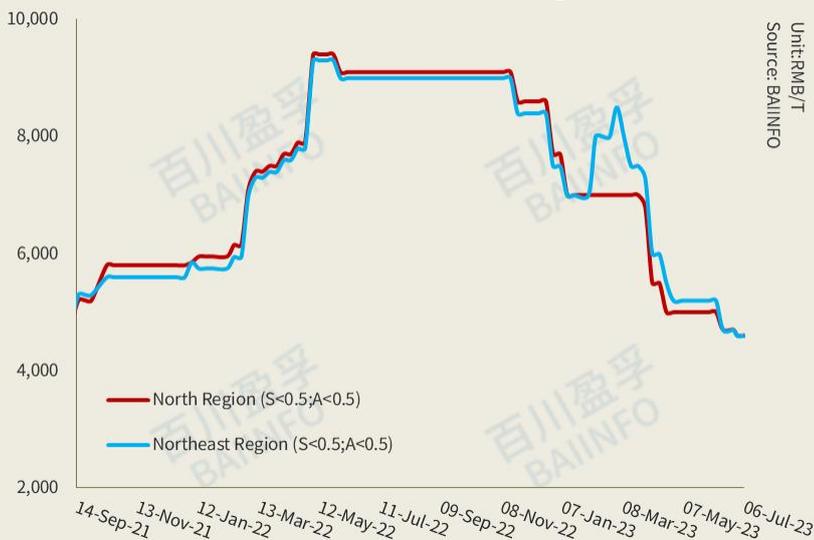


Calcined Petcoke Carburant Price Change in China (Unit: RMB/T)

Region	Jul. 6	Week avg.	Jun. 29	Last week avg.	MoM	Mo3M	YoEY	
North China (S<0.5; A<0.5)	4,600	4,600	4,600	4,625	-8.00%	-16.36%	-40.26%	Carbon Electrode
Northeast China (S<0.5; A<0.5)	4,600	4,600	4,600	4,625	-11.54%	-23.33%	-38.67%	Needle Coke

*Above prices include VAT.

China's Calcined Petcoke Carburant's Average Price



Unit:RMB/T
Source: BAIINFO

Steel
Graphite Electrode
Carbon Electrode
Needle Coke
Carburant
Electrode Paste
Steel

Aluminum
Prebaked Anode

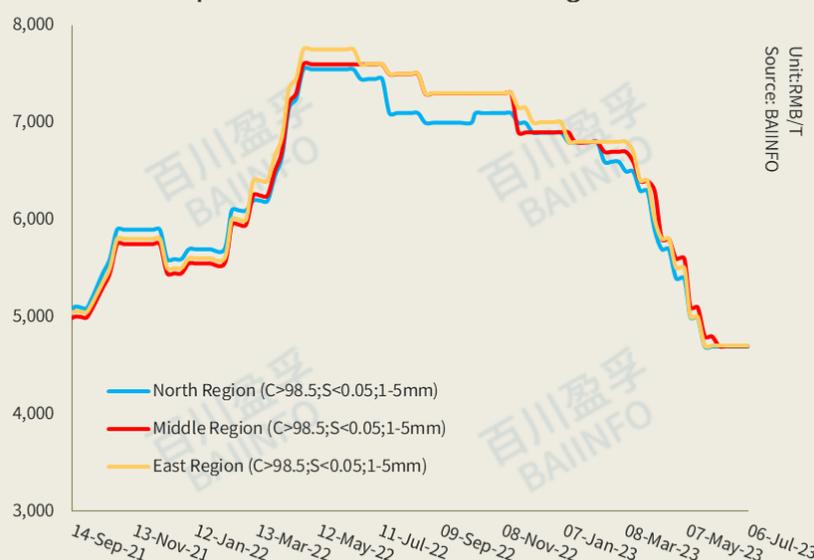
Graphitized Petcoke Carburant Price Change in China (Unit: RMB/T)

Region	Jul. 6	Week avg.	Jun. 29	Last week avg.	MoM	Mo3M	YoEY
North China (C>98.5; 1-5mm)	4,700	4,700	4,700	4,700	0.00%	-20.34%	-31.88%
Central China (C>98.5; 1-5mm)	4,700	4,700	4,700	4,700	0.00%	-25.40%	-31.88%
East China (C>98.5; 1-5mm)	4,700	4,700	4,700	4,700	0.00%	-21.67%	-32.86%

*Above prices include VAT.

Cathode Carbon Lump
Electrically Calcined Anthracite
Aluminum
Upstream & Downstream
Green Petroleum Coke
Calcined Petroleum Coke

China's Graphite Petcoke Carburant's Average Price



Unit:RMB/T
Source: BAIINFO

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► Market Briefing

China calcined coal carburant market price remained stable. Raw materials prices were largely stable. Overall demand was ordinary. Producers made limited profits, and most of them held low or even no inventories. Calcined petcoke carburant market prices sustained stability. Downstream buying interest was ordinary. Graphitized petcoke carburant price was unchanged. Raw materials prices hiked up, and downstream inquiries slightly increased.

On supply end, calcined coal carburant overall supply stayed steady as producers in Ningxia mostly operated normally. Calcined petcoke carburant producers made products on orders. Overall supply kept stable. Graphitized petcoke carburant supply was observed as acceptable. Most producers maintained normal production.

On feedstock end, raw materials prices for calcined coal carburant differed by quality and ratio. Raw materials prices of graphitized petcoke carburant stayed largely stable. Mid-sulfur CPC reference price stood at RMB 2,400/T.

On demand end, consumption was observed as ordinary. Partial steel mills curbed production. Overall capacity declined. On the whole, demand for carburant was sluggish.

► Forecast

Carburant Price Trend Forecast Next Week

Influencing factors	Weight	Reminder
Supply	★★★★	Enterprises maintain normal production
Downstream	★★★★	Dim demand
Inventory	★★★★	Mid-to-low level
Export	★★	Acceptable inquiries
Market sentiment	★★★	Strong bullish mood
Cost & Profit	★★	Ordinary cost support; profit shrinks slightly
Logistic	★★★	Smooth logistic services
Other	★★	Policy

Carburant market is amply supplied overall. However, the impact of slack season on steel market remains. Heavy rains and high-temperature weather may still be seen later. Therefore, insiders hold bearish outlook on steel market. Steel mills will take cargoes on rigid demand. Raw materials prices may sustain stability next week. To summarize, calcined coal carburant market is still expected to correct itself in a weak scenario with ordinary cost support and tepid demand. Calcined petcoke carburant price is anticipated to be unchanged. Graphitized petcoke carburant market may be weakly stable next week with steady cost and limited demand.

Electrode Paste

► Price Assessment

Domestic electrode paste reference price was reported as RMB 5,300/T up to Jul. 6. Actual trading prices varied, running at RMB 4,300-5,500/T.

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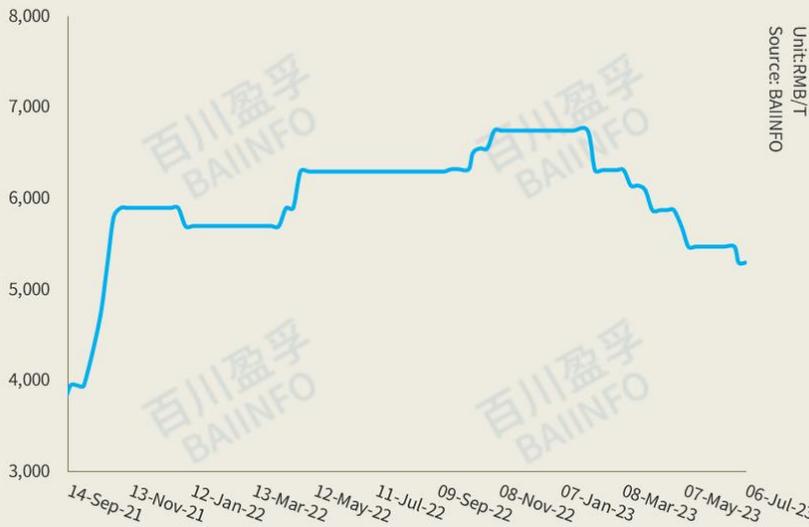
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► Price Indicators

Electrode Paste Price Change in China (Unit: RMB/T)								
Jul. 6	Week avg.	Jun. 29	Last week avg.	MoM	Mo3M	YoY		
5,300	5,300	5,300	5,344	-3.20%	-9.79%	-15.87%	<u>Steel</u>	
*Above prices include VAT.								<u>Graphite Electrode</u>
Electrode Paste (Unit: RMB/T)								<u>Carbon Electrode</u>
Regions	Products	Specifications	Change	Jul. 6	Jun. 29	Remarks		
Northwest	Confined Paste	A<3; ρ<65; V:10.0-15%	0	5,500	5,500	EXW, VAT included	<u>Needle Coke</u>	
	Confined Paste	A<4; ρ<58; V:10.0-15%	0	5,300	5,300	EXW, VAT included	<u>Carburant</u>	
	Special Paste	A<5; ρ<62; V:10.0-15%	0	5,200	5,200	EXW, VAT included	<u>Electrode Paste</u>	
	Standard Paste	A<6; ρ<75; V:10.0-15%	0	5,100	5,100	EXW, VAT included	<u>Steel</u>	
Middle	Confined Paste	A<3; ρ<65; V:10.0-15%	0	5,500	5,500	EXW, VAT included	<u>Aluminum</u>	
	Confined Paste	A<4; ρ<58; V:10.0-15%	0	5,400	5,400	EXW, VAT included	<u>Prebaked Anode</u>	
	Special Paste	A<5; ρ<62; V:10.0-15%	0	5,300	5,300	EXW, VAT included	<u>Cathode Carbon Lump</u>	
	Standard Paste	A<6; ρ<75; V:10.0-15%	0	5,250	5,250	EXW, VAT included	<u>Electrically Calcined Anthracite</u>	
Northeast	Confined Paste	A<3; ρ<65; V:10.0-15%	0	5,500	5,500	EXW, VAT included	<u>Aluminum</u>	
	Confined Paste	A<4; ρ<58; V:10.0-15%	0	5,450	5,450	EXW, VAT included	<u>Upstream & Downstream</u>	
	Special Paste	A<5; ρ<62; V:10.0-15%	0	5,350	5,350	EXW, VAT included	<u>Green Petroleum Coke</u>	
	Standard Paste	A<6; ρ<75; V:10.0-15%	0	5,250	5,250	EXW, VAT included	<u>Calcined Petroleum Coke</u>	
North	Confined Paste	A<3; ρ<65; V:10.0-15%	0	5,500	5,500	EXW, VAT included	<u>Coal Tar Pitch</u>	
	Confined Paste	A<4; ρ<58; V:10.0-15%	0	5,300	5,300	EXW, VAT included	<u>Silicon Metal</u>	
	Special Paste	A<5; ρ<62; V:10.0-15%	0	5,200	5,200	EXW, VAT included	<u>Lithium Battery</u>	
	Standard Paste	A<6; ρ<75; V:10.0-15%	0	5,250	5,250	EXW, VAT included	<u>Anode Materials</u>	
Southwest	Confined Paste	A<3; ρ<65; V:10.0-15%	0	5,300	5,300	EXW, VAT included	<u>Isostatic Graphite</u>	
	Confined Paste	A<4; ρ<58; V:10.0-15%	0	5,200	5,200	EXW, VAT included	<u>Statistics</u>	
	Special Paste	A<5; ρ<62; V:10.0-15%	0	5,100	5,100	EXW, VAT included	<u>Producers & Prices</u>	
							<u>Import & Export Data</u>	

Standard Paste A<6; ρ<75; V:10.0- 0 5,000 5,000 EXW, VAT included
15%

China's Electrode Paste Average Price



Unit:RMB/T
Source: BAIINFO

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- [Graphite Electrode](#)
- [Carbon Electrode](#)
- [Needle Coke](#)
- [Carburant](#)
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➤ **Market Briefing**

Domestic electrode paste market price remained stable. Feedstock prices were largely stable. Downstream production decreased WoW amid both maintenance and restart. Electrode paste producers mainly committed to regular customers. Fresh orders were limited.

On supply end, mainstream production was observed as normal. In Ningxia, some electrode paste enterprises maintained stable production. Trading performance was acceptable in Central China. In South and Southwest China, enterprises ran normally.

On demand end, China calcium carbide price and production both edged down. Both production recovery and halt were heard. Calcium carbide producers failed to earn money and even lost more money.

On feedstock end, mid-sulfur CPC reference price was at RMB 2,400/T, the same level WoW. Electrically calcined anthracite average price was unchanged at RMB 3,750/T. Mid-temperature pitch reference price in Northwest China stayed at RMB 4,750/T. In summary, overall cost sustained stability.

➤ **Forecast**

Electrode Paste Price Trend Forecast Next Week

Influencing factors	Weight	Reminder
Production	★★★★	Normal supply
Downstream	★★★★	Demand on a need-to basis
Inventory	★★	Lower inventory
Export	★★	Acceptable
Cost & Profit	★★	A bit higher cost & fewer profits
Market sentiment	★★★★	Strong bullish sentiment
Logistic	★★★★	Smooth transportation

Others

★★

Policy

Supply end stays stable, and bad consumption still constrains electrode paste price. Raw materials prices weaken amid stability. In the following week, electrode paste market is predicted to hold stability, with price estimated at RMB 4,300-5,500/T.

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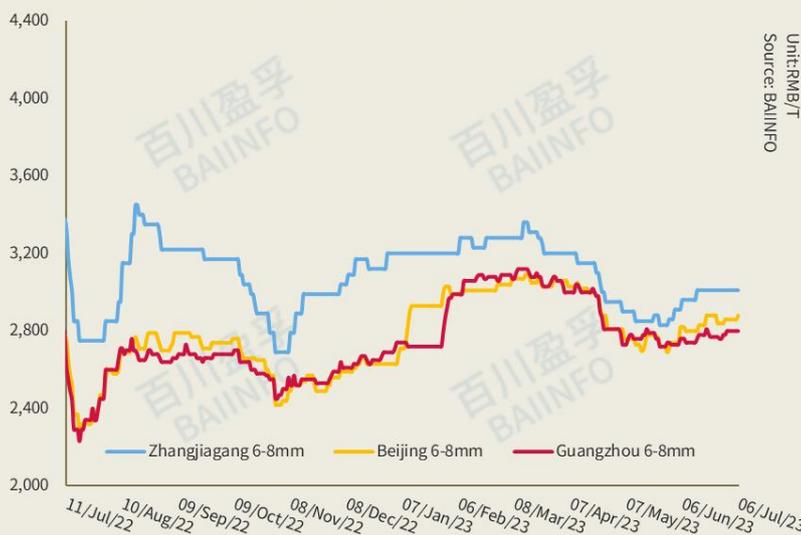
Steel

➤ Market Briefing & Forecast

Domestic steel market price edged higher. Macro-policy end still generated support. Affected by production curbs in partial regions, rebar futures prices fluctuated up. Steel billet and iron ore prices slightly ramped up, with stronger support to steel price. Overall inventory was at a low level for merchants. In addition, steel mills adopted strong firming-up approaches. Therefore, steel price edged up this week. However, the impact of slack season remains. Heavy rains and high-temperature weather may still be seen later. Therefore, insiders hold bearish outlook on steel market. Besides, demand end still registers weakness. In next week, steel price may go down slightly.

Domestic steel scrap market fluctuated in a strong condition. Steel scrap market prices averaged RMB 2,570/T, up RMB 21/T WoW. As ferrous metal futures prices kept floating up and finished steel product prices rebounded, purchasing prices of steel mills for steel scrap fluctuated up. Steel mills with low inventories still raised prices to attract resources, while some others completed stockpiling activities. However, given that the profit was limited and steel scrap was less cost-effective than molten iron, steel mills' buying interest failed to improve greatly. In the coming week, steel scrap market is expected to correct itself, with prices estimated at RMB 2,460-2,540/T.

China's Steel Scrap (6-8mm) Price Trend



Unit: RMB/T
Source: BAIINFO

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Prebaked Anode

► Price Assessment

Up to Jul. 6, mainstream trading prices for prebaked anode were RMB 4,520/T in Shandong and RMB 4,510/T in Henan, respectively.

► Price Indicators

Prebaked Anode Price Change in China (Unit: RMB/T)

Jul. 6	Week avg.	Jun. 29	Last week avg.	MoM	Mo3M*	YoEY*
4,639	4,637	4,644	4,649	-1.30%	-18.10%	-36.67%

*Above prices include VAT.

*Mo3M refers to the change compared with the number three months earlier

*YoEY refers to the change compared with the number in early of the year.

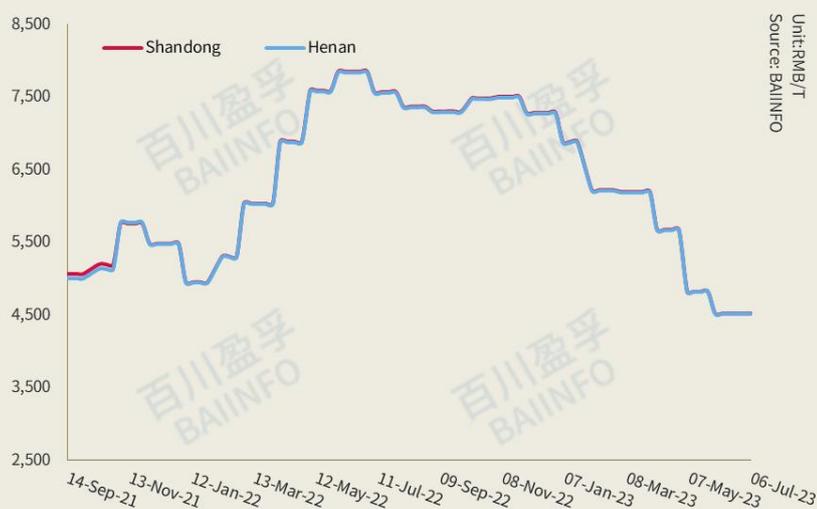
Prebaked Anode Market Trading Prices (Unit: RMB/T)

Regions	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23
Shandong Low-end	4,490	4,490	4,490	4,490	4,490
Shandong High-end	5,160	5,160	5,160	5,160	5,160
Henan Low-end	4,530	4,530	4,530	4,530	4,530
Henan High-end	5,030	5,030	5,030	5,030	5,030
Shanxi Low-end	4,500	4,500	4,500	4,500	4,500
Shanxi High-end	5,010	5,010	5,010	5,010	5,010
Inner Mongolia Low-end	4,850	4,850	4,850	4,850	4,850
Inner Mongolia High-end	5,250	5,250	5,250	5,250	5,250
Chongqing Low-end	4,830	4,830	4,830	4,830	4,830
Chongqing High-end	5,290	5,290	5,290	5,290	5,290
Jiangsu Low-end	4,660	4,660	4,660	4,660	4,660
Jiangsu High-end	5,220	5,220	5,220	5,220	5,220
Hebei Low-end	4,530	4,530	4,530	4,530	4,530
Hebei High-end	4,890	4,890	4,890	4,890	4,890
Hubei Low-end	4,670	4,670	4,670	4,670	4,670
Hubei High-end	5,040	5,040	5,040	5,040	5,040
Guangxi Low-end	4,770	4,770	4,770	4,770	4,770

Guangxi High-end	5,290	5,290	5,290	5,290	5,290	
Liaoning High-end	5,200	5,200	5,200	5,200	5,200	
Liaoning Low-end	4,910	4,910	4,910	4,910	4,910	<u>Steel</u>
Gansu High-end	5,310	5,310	5,310	5,310	5,310	<u>Graphite Electrode</u>
Gansu Low-end	4,970	4,970	4,970	4,970	4,970	<u>Carbon Electrode</u>
Guizhou High-end	5,290	5,290	5,290	5,290	5,290	<u>Needle Coke</u>
Guizhou Low-end	4,830	4,830	4,830	4,830	4,830	<u>Carburant</u>

*Above prices include VAT.

China's Prebaked Anode Price Trend



➤ Market Briefing

China prebaked anode trading price stayed stable. Purchasing price of a major aluminum smelter in Shandong remained stable at RMB 4,225/T, cash payment. Both green petroleum coke(GPC) and coal tar pitch prices slightly rebounded, with a bit more pressure on prebaked anode producers. Partial producers ran at full capacity, and the overall utilization rate of the industry climbed. Downstream aluminum price fluctuated down, but production resumption of smelters boosted demand for prebaked anode.

On supply end, prebaked anode production slightly rallied. In Shandong, partial producers ran at full capacity. Individuals were under maintenance. Overall supply kept steady, and later, prebaked anode output is expected to slightly grow amid stability.

On demand end, aluminum price sustained downtrend. Production cut was mainly heard in Shandong, while production recovery was seen in Yunnan. Overall, aluminum supply continued increasing, being favorable to prebaked anode consumption.

As for international market, export quantity in May decreased MoM. The new capacity and production recovery of overseas aluminum industry in 2023 was limited. In this case, overseas demand growth was small. Coupled with the declines of feedstock prices, export unit price of prebaked anode kept falling.

Steel

Aluminum

Prebaked Anode

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On feedstock end, raw materials prices climbed slightly. GPC spot average price edged up WoW. Major refineries maintained stable shipment, while shipment of local refineries was smooth. Coal tar pitch average price moved up, but fresh order price tended to go down later. Cost support was acceptable as a whole.

On profit end, producers' profitability slightly improved as cost pressure eased.

On inventory end, market inventory was at medium-to-low level. Many producers committed to earlier orders. As downstream demand rallied, shipment increased.

➤ Forecast

Prebaked Anode Price Trend Forecast Next Week

Influencing factors	Weight	Reminder
Production	★★★★	Supply stabilizes
Downstream	★★★★★	Weak demand
Inventory	★★★★	Mid-to-high level
Export	★★★★	Export quantity to decrease slightly in 2023
Market sentiment	★★★★	Thick watching mood
Cost & Profit	★★★★	Partial enterprises in deficit
Logistic	★★★	Delivery on orders
Others	★★	Policy

In the coming week, China prebaked anode trading price is predicted to sustain stability as GPC price gradually stabilizes and coal tar pitch fresh order price edges down.

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Cathode Carbon Lump

➤ Price Assessment

Up to Jul. 6, 30% cathode carbon lump market price was RMB 10,000-11,500/T in North China; 50% cathode carbon lump and full-graphitization prices were RMB 11,000-13,000/T and RMB 18,000-22,000/T, respectively.

➤ Price Indicators

Cathode Carbon Lump Price Change in North China (Unit: RMB/T)

Product	Jul. 6	Week avg.	Jun. 29	Last week avg.	MoM	Mo3M	YoEY*
30%	10,750	10,750	10,750	10,750	0.00%	-2.27%	-24.56%
50%	12,000	12,000	12,000	12,000	0.00%	-2.04%	-23.81%
full-graphitization	20,000	20,000	20,000	20,000	0.00%	-6.98%	-42.45%

*Above prices include VAT.

*YoEY% refers to the change compared with the number in early of the year.

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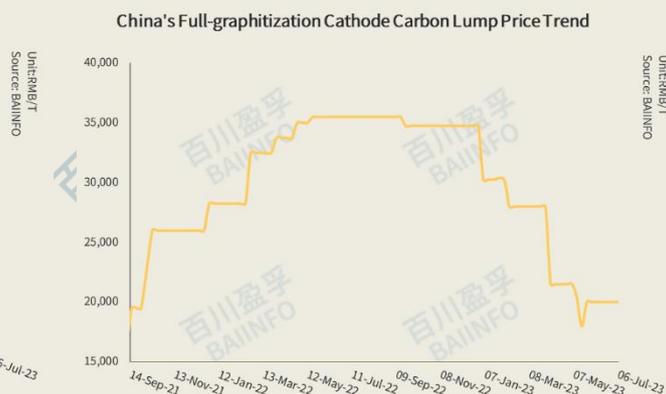
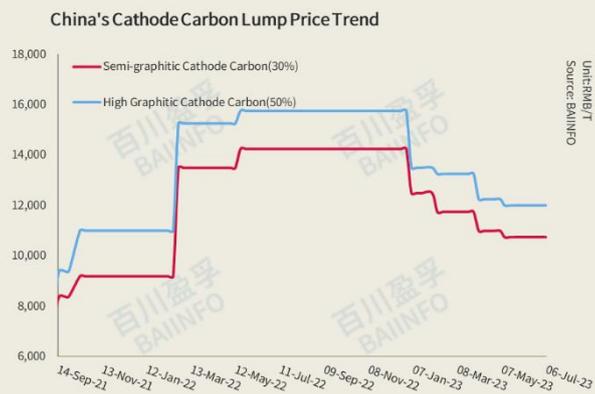
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Cathode Carbon Lump Market Prices (Unit: RMB/T)

Regions	Products	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	
North China	Full-graphitization Cathode Carbon	20,000	20,000	20,000	20,000	20,000	<u>Steel</u>
	50% Graphitic Cathode Carbon	12,000	12,000	12,000	12,000	12,000	<u>Graphite Electrode</u>
	30% Graphitic Cathode Carbon	10,750	10,750	10,750	10,750	10,750	<u>Carbon Electrode</u>
Central China	Full-graphitization Cathode Carbon	20,750	20,750	20,750	20,750	20,750	<u>Needle Coke</u>
	50% Graphitic Cathode Carbon	12,500	12,500	12,500	12,500	12,500	<u>Carburant</u>
	30% Graphitic Cathode Carbon	11,250	11,250	11,250	11,250	11,250	<u>Electrode Paste</u>
Northwest China	Full-graphitization Cathode Carbon	20,750	20,750	20,750	20,750	20,750	<u>Steel</u>
	50% Graphitic Cathode Carbon	12,500	12,500	12,500	12,500	12,500	<u>Aluminum</u>
	30% Graphitic Cathode Carbon	11,250	11,250	11,250	11,250	11,250	<u>Prebaked Anode</u>

*Above prices include VAT.

Electrically Calcined Anthracite



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➤ Market Briefing

Domestic cathode carbon lump market was settled. Cost end stayed largely stable. Downstream demand was observed as ordinary. Fresh orders were numbered. Mainstream producers maintained normal production, but inventory was low.

On supply end, cathode carbon lump supply was good. Most producers were processing orders. In Shanxi, the main producing area, producers maintained stable production. In Henan and Ningxia, production performed well. In Yunnan, cathode carbon lump output gradually increased.

On feedstock end, raw materials prices stood steady. Low-sulfur CPC overall trading performance was ordinary amid low buying indications. At partial enterprises, inventory grew. Coal tar pitch average price went up. As coal tar fresh order price dropped, pitch price may edge down later. China electrically calcined anthracite prices averaged RMB 3,750/T. Downstream buyers took cargoes on a need-to basis.

On demand end, aluminum price fluctuated down. Impacted by overseas market and growing supply pressure,

social inventory of aluminum ingot continued increasing. Later, the inventory might increase again. As supply crunch eased, aluminum price may still fall in market going forward. Aluminum mainstream prices are expected to fluctuate at RMB 18,100-18,400/T in a near term.

► Forecast

Cathode Carbon Lump Price Trend Forecast Next Week

Influencing factors	Weight	Reminder	
Production	★★★★	Normal production	Steel
Downstream	★★★★★	Acceptable demand	Graphite Electrode
Inventory	★★★	Mid-to-low level	Carbon Electrode
Export	★★★	Strong demand from overseas buyers	Needle Coke
Market sentiment	★★★	Flat trading sentiment	Carburant
Cost & Profit	★★★★	Ordinary cost support	Electrode Paste
Logistic	★★★	Acceptable shipment	Steel
Others	★★	Policy	Aluminum

In a near term, cathode carbon lump market may remain flat amid ordinary cost support and flat demand.

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Electrically Calcined Anthracite

► Price Assessment

As of Jul. 6, electrically calcined anthracite average price was RMB 3,700/T in Northwest China and normally calcined anthracite price was RMB 2,700/T. The market average price was RMB 3,750/T.

► Price Indicators

Electrically Calcined Anthracite Price Change (Unit: RMB/T)

Regions	Products	Specifications	Jul. 6	Week avg.	Jun. 29	Last week avg.	Mo3M*	YoEY*	
Northwest	ECA	A<6.5%; R<650; TD>1.80	3,700	3,700	3,700	3,700	-2.63%	-24.49%	Aluminum
Northwest	ECA	A<6.0%; R<600; TD>1.82	4,000	4,000	4,000	4,000	-2.44%	-23.08%	Upstream & Downstream
Northwest	ECA	A<6.0%; R<550; TD>1.82	4,400	4,400	4,400	4,400	-2.22%	-21.43%	Green Petroleum Coke
Northwest	ECA	A<5.0%; R<450; TD>1.84	5,300	5,300	5,300	5,300	-1.85%	-13.11%	Calcined Petroleum Coke
Northwest	ECA	A<5.0%; R<350; TD>1.90	5,800	5,800	5,800	5,800	-1.69%	-14.71%	Coal Tar Pitch
Northwest	NCA	A<6.5%; R<1250	2,700	2,700	2,700	2,700	-6.90%	-35.71%	Silicon Metal
North	ECA	A<6.5%;	3,800	3,800	3,800	3,800	-2.56%	-17.39%	Lithium Battery

R<650; TD>1.80

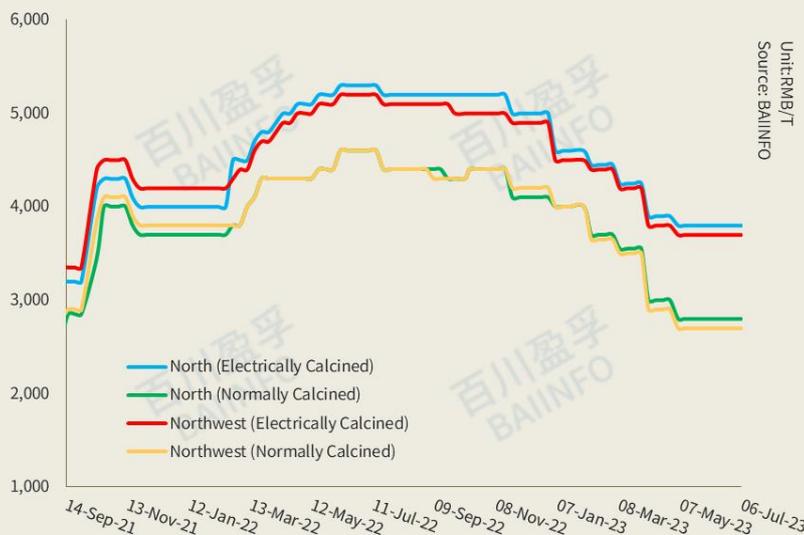
North	ECA	A<6.0%; R<600; TD>1.82	4,050	4,050	4,050	4,050	-2.41%	-17.35%	
North	NCA	A<6.5%; R<1250	2,800	2,800	2,800	2,800	-6.67%	-30.00%	Steel

*Above prices include VAT.

*Mo3M refers to the change compared with the number in 3 months earlier.

*YoEY refers to the change compared with the number in early of the year.

China's Electrically Calcined Anthracite Price Trend



➤ Market Briefing

For the assessment period (Jun. 30-Jul. 6), China electrically calcined anthracite market registered stability. Trading performance was still acceptable. Producers were not active in production, and overall operation rate of the industry was at a low level. As downstream supply decreased and demand was tepid, electrically calcined anthracite producers reduced prices. Feedstock anthracite market in Ningxia was stable-to-upward.

➤ Forecast

Electrically Calcined Anthracite Price Trend Forecast Next Week

Influencing factors	Weight	Reminder
Production	★★★★	Low production
Downstream	★★★★★	Purchases on a need-to basis
Inventory	★★★★	Fewer inventories; slow shipment
Cost & Profit	★★	Low profit
Logistic	★★	Smooth transportation
Others	★★	Policy

The tepid demand constrains production incentives of electrically calcined anthracite. Later, electrically calcined anthracite price is predicted to decline by RMB 50-100/T.

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Aluminium

➤ Market Briefing & Forecast

Aluminum prices registered a downward trend. LME aluminum price ran at USD 2,157/T, down 0.69% WoW. Mainstream SHFE price decreased to RMB 17,959/T (USD 2,491/T). Spot price stood at RMB 18,452/T (USD 2,559/T) in East China, down 0.37% WoW and RMB 18,634/T (USD 2,584/T) in South China, down 0.1% WoW, because of the inventory accumulation of aluminum ingot.

Aluminum supply raised continually following production resumption in Southwest China.

Theoretically demand for aluminum sank due to some production cuts from downstream processing industries. Moreover, the government continued to issue macro-boosting policies on new energy, household and other industries.

In cost, alumina prices inched higher. Trading price for prebaked anode kept stability. And electricity prices fell further according to power cycles. On balance, theoretical cost of aluminum industry was maintained lower.

As such, aluminum profit margins raised slightly by steeper drop in cost.

For inventory, LME inventory increased due to large delivery from a warehouse. And China's social inventory of aluminum ingot started to pile up.

1. Aluminum plants will resume production in a faster speed because they plan to complete it before late August. Aluminum supply will increase constantly.

2. Demand for aluminum may reduce following continuous production cut from downstream processing industries amid poor sales.

3. Social inventory of aluminum ingot will accumulate with the increase of ingot cast by plants.

4. Overseas aluminum plants will have big cost pressure, because higher demand for electricity and natural gas during high temperature will lead to their price increase.

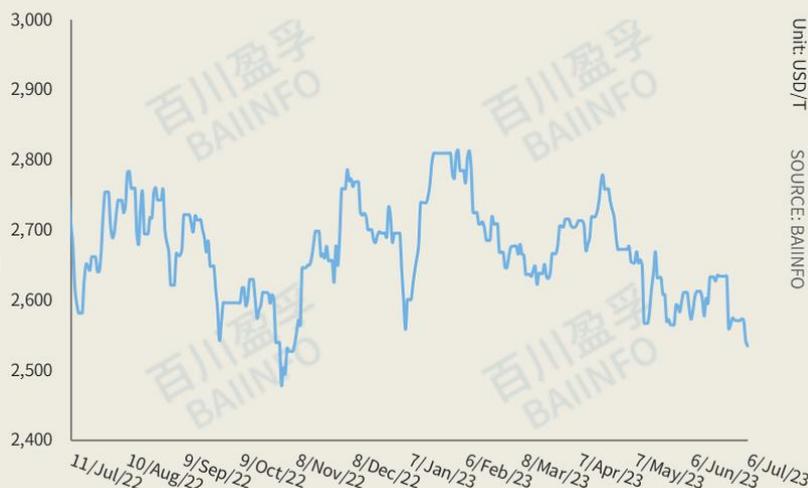
5. The attitude of FRB to raise interest rates is still biased towards hawks. Pay attention to overseas economic data and the probability of raising interest rates.

Rising supply and sapped demand may cause a decline in spot aluminum price. Domestic aluminum market price may fluctuate between the range of RMB 17,800-19,000/T (USD 2,469-2,635/T) next week.

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► Price Indicators

China's Aluminum Price Trend in East China Market



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Green Petroleum Coke

Domestic GPC prices ran stable-to-bullish overall. State refineries mostly sustained unchanged prices amid ordinary shipments, while independent refineries generally pushed up prices due to decreasing inventories. This week, Sinopec refineries kept flat prices. Some CNPC/PetroChina and CNOOC refineries adjusted prices by RMB 50-400/T. Independent refineries' GPC prices intensively rebounded by RMB 10-300/T. Up to Jul. 6, GPC market prices were averaged at RMB 2,194/T, up RMB 19/T WoW. Currently, 12 refineries were under maintenance and average operation rate of domestic delayed coking units was largely steady.

Total GPC supply will keep ample in short time, but downstream plants mostly purchase raw materials on a need-to basis. Without other effective support, domestic GPC prices are more possible to be range-bound next week.

(To know more about green petroleum coke, pls. try our Petroleum Coke Weekly)

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Calcined Petroleum Coke

Domestic CPC prices were largely unchanged this week. Low-sulfur CPC transactions remained subdued and enterprises sustained steady prices overall. Mid and high-sulfur CPC prices ran stable-to-buoyant due to acceptable trading performance.

Without clear guidance from feedstock and demand end, domestic low-sulfur CPC market prices are expected to keep consolidation overall next week. Given enough cost support and stable demand, domestic mid and high-sulfur CPC prices may register individual rises next week.

(To know more about calcined petroleum coke, pls. try our Petroleum Coke Weekly)

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Coal Tar Pitch

This week (Jun. 30-Jul. 6), coal tar pitch (CTP) discussions tended to go down. In main producing areas, modified

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pitch trading prices were RMB 4,800-5,000/T (USD 666-693/T) for aluminum use, and RMB 5,200 (USD 721/T) for graphite products use, VAT included, payment by acceptance. Mid-temperature pitch trading prices were RMB 4,600-4,800/T (USD 638-666/T), VAT included, payment by acceptance. Within the week, pitch discussions had downward tendency. Early this week, coal tar prices stayed high. But after fresh order discussions were wrapped up, prices went down by RMB 105-155/T (USD 15-21/T). Given its bearish effects, downstream plants adopted cautious approaches and were more eager to force pitch price down. Meanwhile, the utilization rate of coal tar distillation industry was at a high level recently, failing to support pitch price. As coal tar distillation enterprises lost money, they were reluctant to sell pitch at lows. Buy-sell confrontations were seen. In the coming week, coal tar pitch market is likely to slide down. Discussions for modified pitch are estimated as RMB 4,500-4,800/T (USD 624-666/T) in main producing areas, payment by acceptance.

(To know more about coal tar pitch, pls. try our Coal Chemical Weekly)

Silicon Metal

This week, silicon metal market prices basically remain fixed. Up to Jul. 6, the average reference price was at RMB 13,505/T, up RMB 22/T compared with Jun. 29. Silicon metal market became brisk and suppliers intended to keep the offer firm. However, with so many bearish factors, the price was lack of upward supports. Early this week, in Xinjiang, large plants with new capacities did not produce finished products, but supply was predicted to go up. During local holidays, producers kept production normally. At mid-week, in Sichuan, though policy about electricity limitation was issued, producers were not affected obviously. In some areas, with less rainfall, future electricity supply should be paid attention. In Yunnan, after electricity prices falling, shutdown silicon plants restarted successively, driving up regional output. Large plants in Northwest China moved up the quotation, driving others following. The distribution of different brands' spot cargoes in the market is uneven, and individual ones could not be bought. Hence, in the future, different brands' prices will be various. The average reference price of 553# (oxygen-free) was at RMB 12,600/T, 553# (oxygen) at RMB 13,000/T, 441# at RMB 13,600/T, 3303# at RMB 14,100/T and 421# at RMB 14,100/T (VAT included). Besides, 97# silicon metal (oxygen) reference price was at RMB 12,000/T (VAT included).

(To know more about silicon industry, pls. try our Organic Silicon Weekly)

Anode Materials

This week, domestic Lib anode materials market sustained stability. Price of mid and low-end artificial graphite products had been close to the cost line, so Lib anode materials enterprises implemented cost decreasing and benefit increasing.

As of Jul. 6, mainstream price of high-end Lib anode products was around RMB 54,000-66,000/T, that of mid-end Lib anode products was RMB 30,000-38,000/T and that of low-end Lib anode products was RMB 15,000-24,000/T.

On supply side, Lib anode materials supply rose slightly. Oversupply was seen in Lib anode materials market.

On demand side, downstream demand gradually picked up since shipment of power batteries and energy storage batteries grew rapidly and consumer electronics sales increased. Besides, supported by national policies, new-energy automobile market developed quickly.

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On inventory side, Lib anode materials inventory changed little. Some Lib anode materials enterprises held low inventory and some enterprises had no inventory.

Raw material low-sulfur GPC market shows ups and downs, needle coke market stabilizes and mid-temperature coal tar pitch market tends to decline, which provides no bullish cost support for Lib anode materials market. Moreover, supported by national policies and increasing investment from automobile enterprises and battery plants, new-energy automobile sales are likely to grow later, thus demand for Lib anode materials will improve. As a result, Lib anode materials market is forecasted to remain stable at low-end price level next week.

(To know more about Lib anode material, pls. try our Lithium Battery Weekly)

➤ Price Indicators

Natural Spheroidal Graphite Price (Unit: RMB/T)

Product	Change	6/Jul/23	29/Jun/23	Remarks	
Northeast China high-end	0	17,000	17,000	VAT Included	Steel
Northeast China low-end	0	16,000	16,000	VAT Included	Aluminum
North China high-end	0	18,000	18,000	VAT Included	Prebaked Coke
North China low-end	0	16,000	16,000	VAT Included	Cathode Carbon Lump
Shandong high-end	0	18,000	18,000	VAT Included	Electrically Calcined Anthracite
Shandong low-end	0	17,000	17,000	VAT Included	

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Isostatic Graphite

Isostatic Graphite (Unit: RMB/T)

Product	Specification	Region	Change	6/Jul/23	29/Jun/23	Remarks	
Isostatic Graphite	Φ460mm	Henan	0	75	75	RMB/KG; EXW;VAT included	Aluminum Upstream & Downstream Green Petroleum Coke Calcined Petroleum Coke Coal Tar Pitch
Isostatic Graphite	Φ≤600mm	Hunan	0	80	80	RMB/KG; EXW;VAT included	Silicon Metal
Isostatic Graphite	Φ800mm-900mm	Hunan	0	85	85	RMB/KG; EXW;VAT included	Lithium Battery Anode Materials

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➤ *Statistics*➤ *Producers & Prices**Graphite Electrode*

Ordinary-power Graphite Electrode EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Jilin Area 300mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jilin Area 350mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jilin Area 400mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jilin Area 450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jilin Area 500mm	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Jilin Area 600mm	21,500	21,500	21,500	21,500	21,500	EXW, VAT included
Jilin Area 700mm	21,500	21,500	21,500	21,500	21,500	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. 350mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. 400mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. 450mm	19,500	19,500	19,500	19,500	19,500	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. 500mm	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Jiaozuo Zhongzhou Carbon Products Co., Ltd.250mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jiaozuo Zhongzhou Carbon Products Co., Ltd.300mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jiaozuo Zhongzhou Carbon Products Co., Ltd.350mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jiaozuo Zhongzhou Carbon Products Co., Ltd.400mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Xinjiang Jingwei Electrode Co., Ltd. 500mm	17,000	16,000	16,000	16,000	16,000	low production
Xinjiang Jingwei Electrode Co., Ltd. 600mm	17,000	16,000	16,000	16,000	16,000	low production
Xinjiang Jingwei Electrode Co., Ltd. 780mm	17,000	16,000	16,000	16,000	16,000	EXW, VAT included
Xinjiang Jingwei Electrode Co., Ltd. 800mm	17,000	16,000	16,000	16,000	16,000	EXW, VAT included
Xinjiang Jingwei Electrode Co., Ltd. 850mm	17,000	16,000	16,000	16,000	16,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Xinjiang Jingwei Electrode Co., Ltd. 960mm	17,000	16,000	16,000	16,000	16,000	EXW, VAT included
Handan Feiyue Carbon Co., Ltd. 400mm	-	-	-	-	-	No prices temporarily delivered to mill, VAT included
Handan Feiyue Carbon Co., Ltd. 960mm	16,000	16,000	16,000	16,000	16,000	
Hebei Yidong Carbon Products Co., Ltd. (ordinary) 600mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Hebei Yidong Carbon Products Co., Ltd. (ordinary) 960mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Hebei Yidong Carbon Products Co., Ltd. (ordinary) 1020mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Henan Shengrui Carbon Material Tech- nology Co., Ltd. (ordinary) 600mm (Former Henan Kefeng Carbon Mate- rial)	-	-	-	-	-	No prices temporarily
Henan Shengrui Carbon Material Tech- nology Co., Ltd. (ordinary) 700mm (Former Henan Kefeng Carbon Mate- rial)	-	-	-	-	-	No prices temporarily

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High-power Graphite Electrode EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Jilin Area (high) 300mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jilin Area (high) 350mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jilin Area (high) 400mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jilin Area (high) 450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jilin Area (high) 500mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Jilin Area (high) 600mm	20,500	20,500	20,500	20,500	20,500	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (high)300mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (high)350mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (high)400mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (high)450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (high)500mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Jinneng Group Co., Ltd.(high)350mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jinneng Group Co., Ltd.(high)400mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jinneng Group Co., Ltd.(high)450mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jinneng Group Co., Ltd.(high)500mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jinneng Group Co., Ltd.(high)600mm	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Linzhou Electric Power Carbon Co., Ltd.(high)350mm	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Linzhou Electric Power Carbon Co., Ltd.(high)400mm	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Linzhou Electric Power Carbon Co., Ltd.(high)450mm	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Linzhou Electric Power Carbon Co., Ltd.(high)500mm	21,500	21,500	21,500	21,500	21,500	EXW, VAT included
Linzhou Electric Power Carbon Co., Ltd.(high)600mm	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Jiaozuo Zhongzhou Carbon Products Co., Ltd.350mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jiaozuo Zhongzhou Carbon Products Co., Ltd.400mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (high) 350mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (high) 400mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (high) 450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Handan Huayuan Carbon Co.,Ltd. 200mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Handan Huayuan Carbon Co.,Ltd. 400mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Handan Huayuan Carbon Co.,Ltd. 500mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Handan Huayuan Carbon Co.,Ltd. 600mm	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Henan Shengrui Carbon Material Technology Co., Ltd. (high) 600mm (Former Henan Kefeng Carbon Material)	-	-	-	-	-	No prices temporarily
Liaoning Shoushan Carbon Group Co., Ltd. (high) 450mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included

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Ultra-high Power Graphite Electrode EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Kaifeng Carbon Co., Ltd. China PingMei ShenMa Group (ultra-high) 600mm	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Kaifeng Carbon Co., Ltd. China PingMei ShenMa Group (ultra-high) 700mm	27,000	27,000	27,000	27,000	27,000	EXW, VAT included
Jilin Area (ultra-high) 300mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Jilin Area (ultra-high) 350mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Jilin Area (ultra-high) 400mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Jilin Area (ultra-high) 450mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Jilin Area (ultra-high) 500mm	19,500	19,500	19,500	19,500	19,500	EXW, VAT included
Jilin Area (ultra-high) 550mm	19,500	19,500	19,500	19,500	19,500	EXW, VAT included
Jilin Area (ultra-high) 600mm	21,500	21,500	21,500	21,500	21,500	EXW, VAT included
Jilin Area (ultra-high) 700mm	26,000	26,000	26,000	26,000	26,000	EXW, VAT included
Shandong Basan Carbon (ultra-high) 300mm	17,500	17,500	17,500	17,500	17,500	EXW, VAT included
Shandong Basan Carbon (ultra-high) 350mm	17,500	17,500	17,500	17,500	17,500	EXW, VAT included
Shandong Basan Carbon (ultra-high) 400mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Shandong Basan Carbon (ultra-high) 450mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Shandong Basan Carbon (ultra-high) 500mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Shandong Basan Carbon (ultra-high) 550mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Shida Carbon (ultra-high) 550mm	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Shida Carbon (ultra-high) 600mm	23,000	23,000	23,000	23,000	23,000	EXW, VAT included
Jinneng Group Co., Ltd. (ultra-high) 350mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Jinneng Group Co., Ltd. (ultra-high) 400mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jinneng Group Co., Ltd. (ultra-high) 450mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Jinneng Group Co., Ltd. (ultra-high) 500mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jinneng Group Co., Ltd. (ultra-high) 550mm	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Jinneng Group Co., Ltd. (ultra-high) 600mm	21,500	21,500	21,500	21,500	21,500	EXW, VAT included
Henan Shengrui Carbon Material Technology Co., Ltd. (ultra-high) 550mm (Former Henan Kefeng Carbon Material)	-	-	-	-	-	No prices temporarily
Henan Shengrui Carbon Material Technology Co., Ltd. (ultra-high) 600mm (Former Henan Kefeng Carbon Material)	-	-	-	-	-	No prices temporarily
Dandong Xinxing Carbon Co., Ltd. (ultra-high) 300mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (ultra-high) 350mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (ultra-high) 400mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Dandong Xinxing Carbon Co., Ltd. (ultra-high) 450mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 350mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 400mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 450mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 500mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 550mm	19,500	19,500	19,500	19,500	19,500	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 600mm	21,500	21,500	21,500	21,500	21,500	EXW, VAT included
Nantong Yangzi Carbon Co., Ltd. (ultra-high) 700mm	24,000	24,000	24,000	24,000	24,000	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (ultra-high) 350mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (ultra-high) 400mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (ultra-high) 450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (ultra-high) 500mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (ultra-high) 550mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Shanxi CIMM Donghai Advanced Carbon Co., Ltd. (ultra-high) 600mm	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Ulanqab Fuxing Carbon Co., Ltd (ultra-high) 600mm	-	-	-	-	-	EXW, VAT included
Ulanqab Fuxing Carbon Co., Ltd (ultra-high) 700mm	-	-	-	-	-	EXW, VAT included
Datong Tengyang Technology Co., Ltd. (ultra-high) 450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Datong Tengyang Technology Co., Ltd. (ultra-high) 600mm	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Shanxi Hongte Coal Chemical Co., Ltd. (ultra-high) 450mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Shanxi Hongte Coal Chemical Co., Ltd. (ultra-high) 500mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Shanxi Hongte Coal Chemical Co., Ltd. (ultra-high) 550mm	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
Shanxi Hongte Coal Chemical Co., Ltd. (ultra-high) 600mm	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Shanxi Hongte Coal Chemical Co., Ltd. (ultra-high) 700mm	25,000	25,000	25,000	25,000	25,000	EXW, VAT included
Jiexiu Zhiyao Carbon Co., Ltd. (ultra-high) 450mm	18,500	18,500	18,500	18,500	18,500	EXW, VAT included
Jiexiu Zhiyao Carbon Co., Ltd. (ultra-high) 600mm	22,000	22,000	22,000	22,000	22,000	EXW, VAT included

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Carbon Electrode

Carbon Electrode EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Hebei Lianguan Intelligent Ep Equipment Co., Ltd. <900mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Hebei Lianguan Intelligent Ep Equipment Co., Ltd. >900mm	18,000	18,000	18,000	18,000	18,000	EXW, VAT included
Hebei Shuntian Electrode Co., Ltd. 900-960mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Hebei Shuntian Electrode Co., Ltd. 1,020mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Hebei Shuntian Electrode Co., Ltd. 1,146mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Handan Huayuan Carbon Co.,Ltd. 870mm	13,000	13,000	13,000	13,000	13,000	delivered to mill, VAT included
Handan Huayuan Carbon Co.,Ltd. 1,146mm	13,000	13,000	13,000	13,000	13,000	delivered to mill, VAT included
Handan Huayuan Carbon Co., Ltd. 1,272mm	13,500	13,500	13,500	13,500	13,500	delivered to mill, VAT included
Shanxi Sanyuan Carbon Co., Ltd. <900mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Shanxi Sanyuan Carbon Co., Ltd. >900mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Shanxi Sanyuan Carbon Co., Ltd. >1,100mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Shanxi Sanyuan Carbon Co., Ltd. >1,200mm	16,000	16,000	16,000	16,000	16,000	EXW, VAT included
Hunan Liling South Material Technology Co., Ltd. 780-900mm	13,500	13,500	13,500	13,500	13,500	EXW, VAT included
Hunan Liling South Material Technology Co., Ltd. 900mm	13,500	13,500	13,500	13,500	13,500	EXW, VAT included
Ningxia Yonvey Carbon Industry Co., Ltd. 900mm	14,000	14,000	14,000	14,000	14,000	EXW, VAT included
Ningxia Yonvey Carbon Industry Co., Ltd. 960mm	14,000	14,000	14,000	14,000	14,000	EXW, VAT included
Ningxia Yonvey Carbon Industry Co., Ltd. 1,146mm	14,000	14,000	14,000	14,000	14,000	EXW, VAT included
Linzhou Lixin Carbon Co., Ltd. <900mm	13,500	13,500	13,500	13,500	13,500	delivered to mill, VAT included
Linzhou Lixin Carbon Co., Ltd. >1,000mm	14,200	14,200	14,200	14,200	14,200	delivered to mill, VAT included
Jiaozuo Dongxing Carbon Electrode Co., Ltd.>900mm	13,500	13,500	13,500	13,500	13,500	delivered to mill, VAT included
Jiaozuo Dongxing Carbon Electrode Co., Ltd.>1,100mm	13,500	13,500	13,500	13,500	13,500	delivered to mill, VAT included
Chongqing Eaststar Carbon Material Co., Ltd. 900-960mm	13,000	13,000	13,000	13,000	13,000	delivered to mill, VAT included
Chongqing Eaststar Carbon Material Co., Ltd. >1,000mm	13,000	13,000	13,000	13,000	13,000	delivered to mill, VAT included
Chongqing Eaststar Carbon Material Co., Ltd. >1,100mm	13,500	13,500	13,500	13,500	13,500	delivered to mill, VAT included

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Needle Coke

Needle Coke EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Jinzhou Petrochemical (calcined oil-based)	9,000	9,000	9,000	9,000	9,000	EXW, VAT included
Jinzhou Petrochemical (raw oil-based)	6,000	6,000	6,000	6,000	6,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shandong Yida New Materials (calcined oil-based)	-	-	-	-	-	No prices temporarily
Shandong Yida New Materials (raw oil-based)	-	-	-	-	-	No prices temporarily
Shandong Jingyang Technology Holdings (calcined oil-based) for nipple production	-	-	-	-	-	No prices temporarily
Shandong Jingyang Technology Holdings (calcined oil-based)	-	-	-	-	-	No prices temporarily
Shandong Jingyang Technology Holdings (raw oil-based)	-	-	-	-	-	No prices temporarily
Weifang Fumei New Energy (calcined oil-based)	-	-	-	-	-	EXW, VAT included
Weifang Fumei New Energy (raw oil-based)	9,500	9,500	9,500	9,500	9,500	EXW, VAT included
Shandong Lianhua New Materials (raw oil-based)	6,000	6,000	6,000	6,000	6,000	EXW, VAT included
Shandong Lianhua New Materials (calcined oil-based)	9,000	9,000	9,000	9,000	9,000	EXW, VAT included
Liaoning Baolai Bio-energy (calcined oil-based)	8,300	8,300	8,300	8,300	8,300	EXW, VAT included
Liaoning Baolai Bio-energy (raw oil-based)	5,800	5,800	5,800	5,800	5,800	EXW, VAT included
Anshan Zhongte New Materials (calcined coal-based)	11,000	11,000	11,000	11,000	11,000	EXW, VAT included
Anshan Zhongte New Materials (raw coal-based)	7,000	7,000	7,000	7,000	7,000	EXW, VAT included
Baowu Carbon Materials & Technology (calcined coal-based)	8,000	8,000	8,000	8,000	8,000	EXW, VAT included
Baowu Carbon Materials & Technology (raw coal-based)	6,000	6,000	6,000	6,000	6,000	EXW, VAT included
Baotailong New Materials (calcined coal-based)	9,500	9,500	9,500	9,500	9,500	EXW, VAT included
Baotailong New Materials (raw coal-based)	6,500	6,500	6,500	6,500	6,500	EXW, VAT included
Fangda C-CHEM (calcined coal-based)	9,000	9,000	9,000	9,000	9,000	EXW, VAT included
Fangda C-CHEM (raw coal-based)	7,000	7,000	7,000	7,000	7,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shanxi Hongte Coal Chemical (calcined coal-based)	-	-	-	-	-	EXW, VAT included
Xuyang Group Shanxi Jinzhou Project (calcined coal-based)	8,000	8,000	8,000	8,000	8,000	EXW, VAT included
Xuyang Group Shanxi Jinzhou Project (raw coal-based)	6,000	6,000	6,000	6,000	6,000	EXW, VAT included
Xuyang Xingyu (calcined coal-based)	8,000	8,000	8,000	8,000	8,000	EXW, VAT included
Xuyang Xingyu (raw coal-based)	6,000	6,000	6,000	6,000	6,000	EXW, VAT included
Henan Baoshun Fine Chemical (calcined coal-based)	-	-	-	-	-	No prices temporarily
Henan Baoshun Fine Chemical (raw coal-based)	7,000	7,000	7,000	7,000	7,000	EXW, VAT included
Zaozhuang Zhenxing Carbon Technology (calcined coal-based)	-	-	-	-	-	No prices temporarily
Zaozhuang Zhenxing Carbon Technology (raw coal-based)	8,000	8,000	8,000	8,000	8,000	EXW, VAT included
Tangshan Dongri New Energy & Materials (calcined coal-based)	9,500	9,500	9,500	9,500	9,500	EXW, VAT included
Tangshan Dongri New Energy & Materials (raw coal-based)	7,500	7,500	7,500	7,500	7,500	EXW, VAT included
Ningxia Baichuan New Materials (calcined coal-based)	8,000	8,000	8,000	8,000	8,000	EXW, VAT included
Ningxia Baichuan New Materials (raw coal-based)	6,000	6,000	6,000	6,000	6,000	EXW, VAT included
Taiyuan Shenghong (calcined coal-based)	8,400	8,400	8,400	8,400	8,400	EXW, VAT included
Taiyuan Shenghong (raw coal-based)	5,500	5,500	5,500	5,500	5,500	EXW, VAT included

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Prebaked Anode

Prebaked Anode EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Sunstone Development Co., Ltd.	-	-	-	-	-	No prices temporarily
Shandong Dezhou Yongxing Carbon Co., Ltd.	-	-	-	-	-	No prices temporarily
Jinan Aohai Carbon Co., Ltd.	4,550	4,550	4,550	4,550	4,550	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shandong Jinyuanhui New Materials Technology Co., Ltd (Former Shandong Jinlida)	4,668	4,668	4,668	4,668	4,668	Delivered to plants in Shandong, VAT included; Delivered to plants out of Shandong, RMB 4,973/T
Shandong Pingyin Fengyuan Carbon Products Co., Ltd.	4,800	4,800	4,800	4,800	4,800	EXW, VAT included
Jinan Longshan Carbon Co., Ltd.	4,680	4,680	4,680	4,680	4,680	EXW, VAT included
Jinan Wanrui Carbon Co., Ltd.	4,690	4,690	4,690	4,690	4,690	Delivered to plants in Shandong, VAT included; Delivered to plants out of Shandong(except for Xinjiang),VAT included, RMB 5,190/T
Jinan Haichuan Investment Co., Ltd.	4,690	4,690	4,690	4,690	4,690	Delivered to plants in Shandong, VAT included; Delivered to plants out of Shandong (except for Xinjiang),VAT included, RMB 5,190/T
Henan Hengyu Carbon Co., Ltd.	-	-	-	-	-	No prices temporarily
Henan Yingli New Material Co., Ltd	5,400	5,400	5,400	5,400	5,400	EXW, VAT included
Sanmenxia Shentong Carbon Co., Ltd.	-	-	-	-	-	No prices temporarily
Wen County East Carbon Co., Ltd.	4,400	4,400	4,400	4,400	4,400	EXW, VAT included
Qinyang Carbon Co., Ltd.	4,725	4,725	4,725	4,725	4,725	EXW, VAT included
Gongyi Zhongshan Carbon Plant	-	-	-	-	-	No prices temporarily
Hebei Hongke Carbon Co., Ltd.	4,645	4,645	4,645	4,645	4,645	EXW, VAT included
Inner Mongolia Huomei Tongshun Carbon Co., Ltd. (Former Inner Mongolia Huomei Carbon)	-	-	-	-	-	No prices temporarily
Inner Mongolia Huoning Carbon Co., Ltd.	4,750	4,750	4,750	4,750	4,750	EXW, VAT included
MC Zhenjiang Anode Solutions Co., Ltd.	5,215	5,215	5,215	5,215	5,215	EXW, VAT included
Chibi Great Wall Carbon Co.,Ltd.	-	-	-	-	-	No prices temporarily
Hubei Danjiangkou Danrui Carbon Co., Ltd.	4,820	4,820	4,820	4,820	4,820	EXW, VAT included
Zunyi Daxin Carbon Co., Ltd.	4,720	4,720	4,720	4,720	4,720	EXW, VAT included
Fushun Aluminum Industry Co., Ltd.	-	-	-	-	-	No prices temporarily

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shandong Haiyun Energy Technology Development Co., Ltd.	4,560	4,560	4,560	4,560	4,560	EXW, VAT included
Wuhan Panshui Carbon Products Co., Ltd.	4,800	4,800	4,800	4,800	4,800	EXW, VAT included
Chinalco (Shanghai) Carbon Co., Ltd. Northwest China	4,809	4,809	4,809	4,809	4,809	EXW, VAT included
Chinalco (Shanghai) Carbon Co., Ltd. North China	4,709	4,709	4,709	4,709	4,709	EXW, VAT included
Chinalco (Shanghai) Carbon Co., Ltd. Southwest China	4,809	4,809	4,809	4,809	4,809	EXW, VAT included
Chinalco (Shanghai) Carbon Co., Ltd. South China	4,889	4,889	4,889	4,889	4,889	EXW, VAT included

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Cathode Carbon Lump

Cathode Carbon Lump EXW Prices in Chinese Manufacturers (Unit: RMB/T)

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shanxi Qi County Yutong Carbon Co., Ltd. 30%	12,000	12,000	12,000	12,000	12,000	EXW, VAT included
Shanxi Qi County Yutong Carbon Co., Ltd. 50%	13,000	13,000	13,000	13,000	13,000	EXW, VAT included
Shanxi Qi County Yutong Carbon Co., Ltd. (full-graphitization)	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Shanxi Jinyang Carbon Co., Ltd. 30%	12,000	12,000	12,000	12,000	12,000	EXW, VAT included
Shanxi Jinyang Carbon Co., Ltd. 50%	13,500	13,500	13,500	13,500	13,500	EXW, VAT included
Shanxi Jinyang Carbon Co., Ltd. (full-graphitization)	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Shanxi Sanjin Carbon Stock Co., Ltd. 30%	11,000	11,000	11,000	11,000	11,000	EXW, VAT included
Shanxi Sanjin Carbon Stock Co., Ltd. 50%	12,500	12,500	12,500	12,500	12,500	EXW, VAT included
Shanxi Sanjin Carbon Stock Co., Ltd. (full-graphitization)	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Shanxi Danyuan Carbon Holdings Co., Ltd. 30%	-	-	-	-	-	No prices temporarily
Shanxi Danyuan Carbon Holdings Co., Ltd. 50%	14,200	14,200	14,200	14,200	14,200	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shanxi Danyuan Carbon Holdings Co., Ltd. (full-graphitization)	24,200	24,200	24,200	24,200	24,200	EXW, VAT included
Hebei Lianguan Intelligent Ep Equipment Co., Ltd. 30%	-	-	-	-	-	No prices temporarily
Hebei Lianguan Intelligent Ep Equipment Co., Ltd. 50%	-	-	-	-	-	No prices temporarily
Wanji Holdings Group Co., Ltd. 50%	13,000	13,000	13,000	13,000	13,000	EXW, VAT included
Wanji Holdings Group Co., Ltd. (full-graphitization)	23,000	23,000	23,000	23,000	23,000	EXW, VAT included
Qi County Huatong Carbon Co., Ltd. 30%	11,500	11,500	11,500	11,500	11,500	EXW, VAT included
Qi County Huatong Carbon Co., Ltd. 50%	12,600	12,600	12,600	12,600	12,600	EXW, VAT included
Qi County Huatong Carbon Co., Ltd. (full-graphitization)	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Shanxi Liangyu Carbon Co., Ltd. 30%	13,500	13,500	13,500	13,500	13,500	EXW, VAT included
Shanxi Liangyu Carbon Co., Ltd. 50%	14,500	14,500	14,500	14,500	14,500	EXW, VAT included
Shanxi Liangyu Carbon Co., Ltd. 100%	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Shanxi Liangyu Carbon Co., Ltd. (full-graphitization)	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Shanxi Sanli Carbon Co., Ltd. 30%	9,800	9,800	9,800	9,800	9,800	EXW, VAT included
Shanxi Sanli Carbon Co., Ltd. 50%	13,000	13,000	13,000	13,000	13,000	EXW, VAT included
Shanxi Sanli Carbon Co., Ltd. (full-graphitization)	20,000	20,000	20,000	20,000	20,000	EXW, VAT included
Taigu County Tengfei Carbon Co., Ltd. 50%	15,000	15,000	15,000	15,000	15,000	EXW, VAT included
Taigu County Tengfei Carbon Co., Ltd. (full-graphitization)	20,500	20,500	20,500	20,500	20,500	EXW, VAT included
Shanxi Taigu Mingxing Carbon Magang Co., Ltd. 30%	10,000	10,000	10,000	10,000	10,000	EXW, VAT included
Shanxi Taigu Mingxing Carbon Magang Co., Ltd. 50%	11,000	11,000	11,000	11,000	11,000	EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shanxi Taigu Mingxing Carbon Magang Co., Ltd. (full-graphitization)	19,000	19,000	19,000	19,000	19,000	EXW, VAT included
SPIC Ningxia Energy Aluminum Qingxin Carbon Co., Ltd. 30%	12,500	12,500	12,500	12,500	12,500	EXW, VAT included
SPIC Ningxia Energy Aluminum Qingxin Carbon Co., Ltd. 50%	13,500	13,500	13,500	13,500	13,500	EXW, VAT included
SPIC Ningxia Energy Aluminum Qingxin Carbon Co., Ltd. (full-graphitization)	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Ningxia Ningping Carbon Co., Ltd. 30%	11,000	11,000	11,000	11,000	11,000	EXW, VAT included
Ningxia Ningping Carbon Co., Ltd. 50%	13,000	13,000	13,000	13,000	13,000	EXW, VAT included
Ningxia Ningping Carbon Co., Ltd. (full-graphitization)	21,000	21,000	21,000	21,000	21,000	EXW, VAT included
Meishan Guoxing Carbon Co., Ltd. 50%	14,000	14,000	14,000	14,000	14,000	EXW, VAT included
Sichuan Shida Carbon Co., Ltd. (full-graphitization)	22,000	22,000	22,000	22,000	22,000	EXW, VAT included
Taigu County Tengfei Carbon Co., Ltd. 30%	13,500	13,500	13,500	13,500	13,500	EXW, VAT included

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Electrically Calcined Anthracite

Electrically Calcined Anthracite EXW Prices in Chinese Manufacturers (Unit: RMB/T)

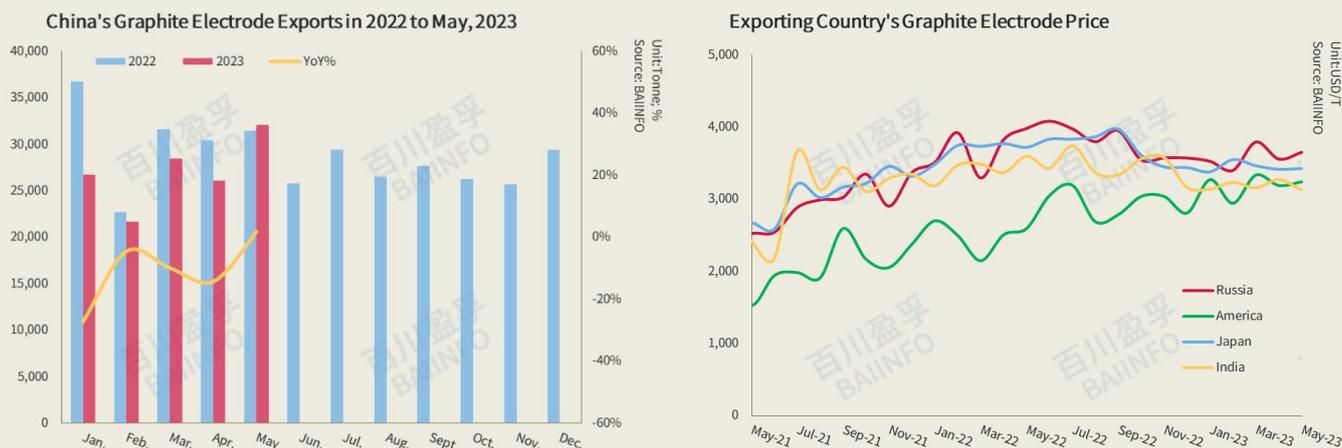
Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
Shizuishan Kaisheng Carbon Co., Ltd. (Calcined)	2,600	2,600	2,600	2,600	2,600	A<6.0; < QMM 1,250, EXW, VAT included
Inner Mongolia TaiXi Coal Group (Electrically Calcined)	5,400	5,400	5,400	5,400	-	A<6.0; < QMM 650, EXW, VAT included
Ningxia Carbon Metallurgy Co., Ltd. (Electrically Calcined;QMM 450)	5,800	5,800	5,800	5,800	5,800	A<5.0; < QMM 450, EXW, VAT included
Ningxia Carbon Metallurgy Co., Ltd. (Electrically Calcined;QMM 350)	6,800	6,800	6,800	6,800	6,800	A<6.0; < QMM 350, EXW, VAT included
CHN Energy Group Ningxia Coal Industry Co., Ltd. (Electrically Calcined;QMM 650)	5,200	5,200	5,200	5,200	5,200	A<6.5; < QMM 650, EXW, VAT included
CHN Energy Group Ningxia Coal Industry Co., Ltd. (Electrically Calcined;QMM 550)	5,600	5,600	5,600	5,600	5,600	A<6.5; < QMM 580, EXW, VAT included

Enterprises	3-Jul-23	4-Jul-23	5-Jul-23	6-Jul-23	7-Jul-23	Remarks
CHN Energy Group Ningxia Coal Industry Co., Ltd. (Electrically Calcined;ΩMM 450)	6,100	6,100	6,100	6,100	6,100	A<6.5; < ΩMM 450, EXW, VAT included
Shizuishan Yanxin Industry & Trade Co., Ltd. (Electrically Calcined;ΩMM 650)	3,800	3,800	3,800	3,800	3,800	A<6.5; < ΩMM 650; TD>1.80, EXW, VAT included
Ningxia Huaruifu Furnace Lining New Materials/Shizuishan Yunsheng Carbon (Electrically Calcined)	5,600	5,600	5,600	4,200	4,200	A<6.5; < ΩMM 650, EXW, VAT included
Ningxia Jurong New Materials Technology Co., Ltd (Electrically Calcined;ΩMM 600)	4,300	4,300	4,300	4,300	4,300	A<6.0; < ΩMM 600, EXW, VAT included
Ningxia Ningping Carbon Co., Ltd (Electrically Calcined)	5,400	5,400	5,400	5,400	5,400	A<6.5; ΩMM<650; Taixi, EXW, VAT included
Ningxia Ningping Carbon Co., Ltd (Calcined)	3,800	3,800	3,800	3,800	3,800	VM<0.6%; A<6.5; < ΩMM 1,250; Taixi, EXW, VAT included
Ningxia Yongshengyuan Carbon Co., Ltd (Electrically Calcined)	3,400	3,400	3,400	3,400	3,400	A<6.5; < ΩMM 650, EXW, VAT included
Ningxia Yongshengyuan Carbon Co., Ltd (Calcined)	3,000	3,000	3,000	3,000	3,000	VM<0.6%; A<6.5; < ΩMM 1,250, EXW, VAT included
Pingluo Tianxin Carbon Co., Ltd. (Electrically Calcined)	3,650	3,650	3,650	3,650	3,650	A<6.5; < ΩMM 650, EXW, VAT included
Pingluo Tianxin Carbon Co., Ltd. (Calcined)	2,950	2,950	2,950	2,950	2,950	VM<0.6%; A<6.5; < ΩMM 1,250, EXW, VAT included
Ningxia Pingda Carbon Co. Ltd (Calcined)	2,800	2,800	2,800	2,800	2,800	VM<0.6%; A<6.5; < ΩMM 1,250, EXW, VAT included

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➤ Import & Export Data

Graphite Electrode (Unit: T; USD; USD/T)



Customs data showed that in May, 2023, total export volume of China's graphite electrode was 32,055 tonnes, up 1.80% year-on-year. Major exporting countries included Azerbaijan and South Korea.

China's Graphite Electrode Exports by Countries/Regions

Countries/Regions	Export Volume	Export Value	Unit Price
Azerbaijan	6,247	6,983,140	1,118
South Korea	2,568	7,264,092	2,829
Russia	2,529	9,223,984	3,648
Mexico	1,699	5,845,999	3,440
India	1,620	5,063,003	3,126
Turkey	1,320	4,434,770	3,359
Australia	1,157	3,306,911	2,859
Germany	994	3,804,616	3,826
Japan	976	3,344,847	3,427
Taiwan, China	957	3,381,265	3,534
Brazil	890	2,796,566	3,141
South Africa	871	2,718,202	3,119
Italy	733	2,494,933	3,406
Vietnam	720	2,076,026	2,882
Egypt	701	2,399,148	3,421
Thailand	655	2,106,599	3,216
United States	606	1,962,506	3,237
Belarus	567	2,063,429	3,640
Canada	532	1,816,733	3,414
Libya	435	1,349,330	3,100
Others	5,277	16,291,292	3,087
Total (May, 2023)	32,055	90,727,391	2,830

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Other Carbon Electrode* (Unit: T; USD; USD/T)
(HS code: 85451900; prebaked anode and cathode carbon lump integrated)

*This might be revised when BAIINFO acquires specific data for prebaked anode and cathode carbon lump separately again.

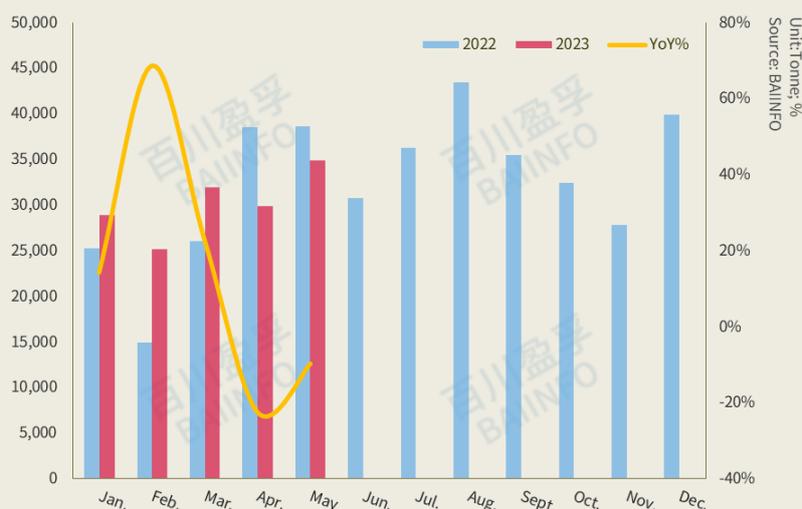
China's Other Carbon Electrode Exports by Countries/Regions

Countries/Regions	Export Volume	Export Value	Unit Price
Malaysia	20,795	14,544,390	699
Canada	19,904	18,107,117	910
Russia	14,546	14,556,585	1,001
Norway	13,884	15,178,829	1,093
Indonesia	12,121	9,280,323	766
Iceland	8,177	8,383,864	1,025
India	6,212	7,719,723	1,243
UAE	5,266	5,654,669	1,074
Kazakhstan	4,678	6,359,996	1,360
Azerbaijan	2,979	3,096,306	1,039
Greece	1,687	1,643,298	974
Saudi Arabia	1,267	1,524,664	1,203
Bahrain	1,082	948,680	876
United Kingdom	1,082	1,410,674	1,304
Brazil	651	1,513,105	2,324
Egypt	415	1,318,058	3,175
United States	221	602,425	2,726
Spain	171	828,962	4,850
Qatar	119	708,396	5,975
Turkey	98	311,991	3,170
Australia	76	327,624	4,289
South Korea	50	14,934	300
Mexico	14	22,334	1,551
Singapore	0.034	14,808	435,529
Total (May, 2023)	115,495	114,071,755	988

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Carburant (Unit: T; USD; USD/T)

China's Carburant Exports in 2022 to May, 2023



Customs data of May, 2023 showed that total export volume of China's carburant was 34,940 tonnes, down 9.63% YoY. Main export regions were India and Japan.

China's Carburant Exports by Countries/Regions

Countries/Regions	Export Volume	Export Value	Unit Price
India	6,439	3,420,522	531
Japan	5,385	2,211,772	411
United States	3,524	1,553,150	441
South Korea	3,103	1,742,944	562
Indonesia	2,979	1,750,450	588
Germany	1,718	1,006,912	586
Taiwan, China	1,654	687,592	416
Mexico	1,385	744,151	537
Bangladesh	906	280,900	310
Philippines	900	496,385	552
Spain	864	431,280	499
United Kingdom	844	499,692	592
Thailand	695	262,997	378
Singapore	523	186,215	356
Brazil	432	254,448	589
Malaysia	427	188,421	441
Israel	418	177,430	424
Argentina	400	272,000	680
Italy	356	215,730	606
Myanmar	300	152,641	509
Oman	300	172,970	577
Vietnam	279	192,495	690
Netherlands	250	145,772	583
France	240	164,400	685
Australia	235	110,906	472
Egypt	132	113,800	862
Greece	60	25,500	425

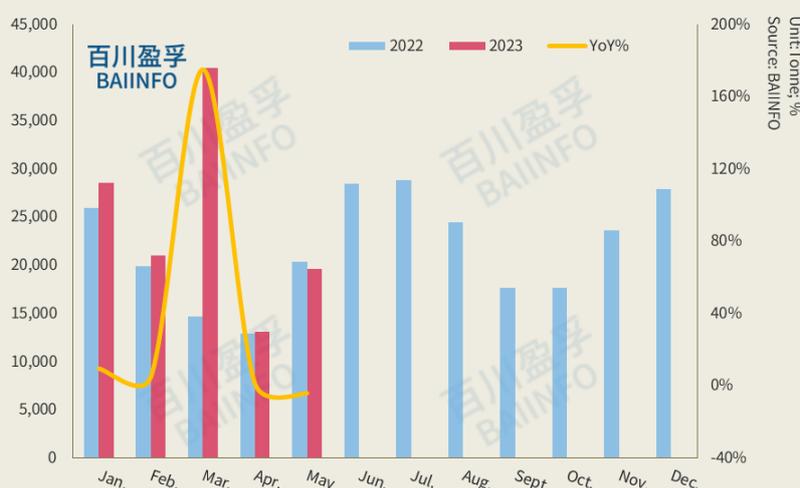
China's Carburant Exports by Countries/Regions

Countries/Regions	Export Volume	Export Value	Unit Price
Albania	56	33,878	606
Jordan	44	17,268	392
Belarus	25	12,500	500
North Korea	20	3,400	170
Saudi Arabia	20	24,000	1,200
New Zealand	20	13,700	685
Yemen	8	10,400	1,300
Poland	0.002	4	2,000
Tunisia	0.002	3	1,500
Total (May, 2023)	34,940	17,576,628	503

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Electrode Paste (Unit: T; USD; USD/T)

China's Electrode Paste Exports in 2022 to May, 2023



Customs data of May, 2023 showed that total export of China's electrode paste was 19,619 tonnes, down 3.86% YoY. Main export countries were Indonesia and Kazakhstan.

China's Electrode Paste Exports by Countries/Regions

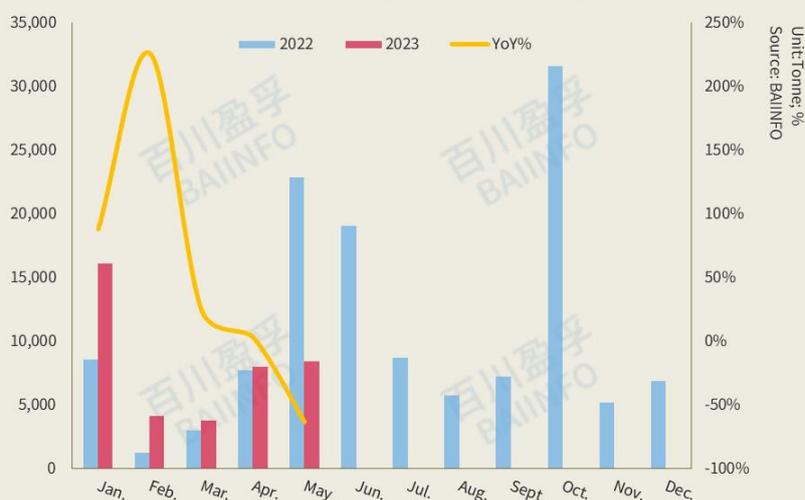
Countries/Regions	Export Volume	Export Value	Unit Price
Indonesia	9,407	9,263,247	985
Kazakhstan	2,503	2,366,185	945
Malaysia	2,049	2,112,141	1,031
Russia	1,235	1,687,244	1,366
South Korea	1,136	1,069,979	942
Saudi Arabia	874	805,430	921
Myanmar	700	660,845	944
Oman	499	383,048	768
Vietnam	436	370,989	851
South Africa	200	184,383	923
Kenya	110	110,880	1,008

Australia	103	160,063	1,551
Zambia	88	66,000	750
India	78	144,488	1,852
Turkey	70	77,880	1,113
Japan	58	68,805	1,186
Zimbabwe	43	32,984	760
Peru	22	22,119	1,005
Mozambique	9	6,727	791
Dominican Republic	0.01	30	3,000
United States	0.003	55	18,333
Total (May, 2023)	19,619	19,593,522	999

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Oil-Based Needle Coke (Unit: T; USD; USD/T)

China's Oil-based Needle Coke Imports in 2022 to May, 2023



Customs data of May, 2023 showed that total import of oil-based needle coke was 8,432 tonnes, down 63.09% YoY. Main import countries were United Kingdom and United States.

China's Oil-based Needle Coke Imports by Countries/Regions

Countries/Regions	Import Volume*	Import Value	Unit Price
United Kingdom	8,003	9,985,761	1,248
United States	275	427,384	1,557
Japan	134	202,542	1,508
Sweden	15	46,628	3,216
Germany	6	9,135	1,567
Total (May, 2023)	8,432	10,671,450	1,266

* Data in the tables includes calcined petroleum coke.

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Coal-Based Needle Coke (Unit: T; USD; USD/T)

China's Coal-based Needle Coke Imports in 2022 to May, 2023



Customs data of May, 2023 showed that total import of China's coal-based needle coke was 3,705 tonnes, down 54.94% YoY. Major import countries were South Korea and Japan.

China's Coal-based Needle Coke Imports by Countries/Regions

Countries/Regions	Import Volume*	Import Value	Unit Price
South Korea	2,352	2,434,022	1,034
Japan	1,352	1,408,684	1,041
Total (May, 2023)	3,705	3,842,706	1,037

* Data in the tables includes pitch coke.

* BAIINFO is committed to presenting data from China's Customs faithfully and accurately. Because the statistics include other transactions under the same HS code, however, the volume, value and unit price are not sufficiently to reflect the actual trading performance. Please contact with our analysts for more detailed import/export data. Please notice that this would charge extra expenses.

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