



Metallurgical Nut Coke, size 10 – 50 mm

Supplied by Integral Global Resources Pte Ltd (“IGR”)

Size Specification Parameters	Guarantee	Rejection limit	Penalty
Size 20 – 40 mm	90% min		
Size < 20 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size > 40 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size 10 – 30 mm	90% min		
Size < 10 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size > 30 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size 15-35 mm	90% min		
Size < 15 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size > 35 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size 10 – 25 mm	90% min		
Size < 10 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size > 25 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size 20 – 30 mm	90% min		
Size < 20 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size > 30 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size 25 – 40 mm	90% min		
Size < 25 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%
Size > 40 mm	5% max	Exceeding 8%	US\$ 1.00 per MT for each 1% above 5%

Notes:

1. Other size specifications between 10 – 50 mm can be provided upon request.
2. The sizes above forms part of majority of IGR nut coke supply.
3. MT = metric tonnes



Content Specification Summary	Guarantee	Rejection limit	Penalty
Moisture	6% – 10% max	Exceeding 7% – 12%	Excess Moisture > 6 – 12% to be deducted from BL weight
Fixed Carbon (dry basis)	86% min		
Ash (dry basis)	12.5% – 13.5% max	Exceeding 13.5% – 14.5%	US\$ 1.00 per MT for each 1% above 12.5 – 13.5%
Volatile Matter (dry basis)	1.5% – 2.0% max	Exceeding 2.0% – 2.5%	US\$ 1.00 per MT for each 0.1% above 1.5 – 2.5%
Sulphur (dry basis)	0.70% – 0.80% max	Exceeding 0.80% – 0.90%	US\$ 1.00 per MT for each 0.1% above 0.70 – 0.80%
Phosphorous (dry basis)	0.040% – 0.050% max	Exceeding 0.050% – 0.060%	US\$ 1.00 per MT for each 0.01% above 0.040 – 0.050%

Content Specification	10 – 25mm	10 – 30 mm	20 – 30 mm	15 – 35 mm	20 – 40 mm	25 – 40 mm
Moisture						
- Guarantee	7% – 10 % max	7% – 10 % max	6% – 9 % max	6% – 9 % max	5% – 8% max	5% – 8% max
- Rejection	Exceeding 7% - 10%	Exceeding 7% - 10%	Exceeding 7% - 10%	Exceeding 7% - 10%	Exceeding 7% - 10%	Exceeding 7% - 10%
Fixed Carbon (dry basis)						
- Guarantee	84% min	84% min	85% min	85% min	86% min	86% min
- Rejection	Below 82%	Below 82%	Below 83%	Below 83%	Below 84%	Below 84%
Ash (dry basis)						
- Guarantee	13.5% max	13.5% max	13.0% max	13.0% max	12.5% max	12.5% max
- Rejection	Exceeding 14.5%	Exceeding 14.5%	Exceeding 14.0%	Exceeding 14.0%	Exceeding 13.5%	Exceeding 13.5%
Volatile Matter (dry basis)						
- Guarantee	2.0% max	2.0% max	2.0% max	1.5% max	1.5% max	1.5% max
- Rejection	Exceeding 2.5%	Exceeding 2.0%	Exceeding 2.0%	Exceeding 2.0%	Exceeding 2.0%	Exceeding 2.0%
Sulphur (dry basis)						
- Guarantee	0.80% max	0.80% max	0.75% max	0.75% max	0.70% max	0.70% max
- Rejection	Exceeding 0.90%	Exceeding 0.90%	Exceeding 0.85%	Exceeding 0.85%	Exceeding 0.80%	Exceeding 0.80%
Phosphorous (dry basis)						
- Guarantee	0.050% max	0.045% max	0.045% max	0.040% max	0.040% max	0.040% max
- Rejection	Exceeding 0.60%	Exceeding 0.55%	Exceeding 0.55%	Exceeding 0.50%	Exceeding 0.50%	Exceeding 0.50%



Notes to Size Specification and Content Specification Parameters:

1. The specification parameters are indicative and generalized. Our factories are able to deliver customer aligned specifications.
2. IGR undertakes to ensure that all Nut Coke supplied under the Contract to Supply to our Principal complies with the specifications outlined above.
3. All costs associated with and resulting from the rejection of Nut Coke, which fails to comply with the specifications outlined above shall be borne by IGR.

Minimum Order Size

Minimum order size of 5,000 MT is required. General order size of nut coke for delivery to our principals ranges 10,000 MT - 30,000 MT per shipment.

Quality determination

Chemical and physical analysis of Nut Coke shall be conducted and determined by way of preparation of certificate of analysis (“Certificate of Analysis” or “CoA”) at the loading port by an accredited independent laboratory appointed by IGR at IGR’s cost. IGR will ensure that copies of the CoA are emailed to our Principal within 7 Business Days after each shipment has sailed from the loading port. The quality shown in the CoA at the loading port shall be final and binding on both Parties.

Quantity determination

Quantity shall be determined by way of preparation of a certificate of weight (“Certificate of Weight” or “CoW”) at the loading port, determined by draft survey, by an independent surveyor appointed by the IGR at the IGR’s cost. The quantity shown on the CoW at the loading port shall be final and binding on both Parties. The quantity delivered will be in MT +/- 10% or +/-5%.

Delivery

Quantity shall be delivered on CFR or CIF basis at the port of discharge. Laytime for discharge shall commence 12 hours after the relevant notice of readiness is tendered by our vessel.

Payment

IGR shall prepare and issue to the Company an invoice for the shipment. The amount payable set out on the invoice shall be calculated by multiplying the price by the quantity in MTs delivered as detailed on the Bill of Lading, including any applicable penalty adjustment(s).

IGR will only accept payment by Letters of Credit, unless 100% is prepaid by TT. Letters of credit must be issued and effected within 5 working days of contract being signed by both Parties and the Purchase Order being accepted by IGR.



Documents provided to initiate payment

The following will be provided within 7 days of the ship sailing from the port of loading:

- Bill of Lading
- IGR's invoice
- Certificate of Analysis
- Certificate of Weight
- Draft Survey (not mandatory – to be provided upon request)

IGR warrants that we are sufficiently experienced, capable and qualified to supply metallurgical coke of various sizes and quantities in accordance with the Supply Contract and Purchase Orders raised by our Principals.

For further details or to express interest to procure, please write to: enquiries@igrsgroup.com