Calcined Petroleum Coke (CPC)

Calcined pet coke | CPC | recarburiser | CAS 64743-05-3

Product Description

Calcined petroleum coke (CPC) is made by calcining green petroleum coke at about 1,200–1,400 °C, which removes moisture and volatile matter and leaves a high-carbon, low-ash material with good density and electrical conductivity. It is used as a raw material for aluminium anodes, as a carbon raiser in steel and foundry melts, and in electrode and carbon product manufacture. Ochnology is a manufacturer and supplier of calcined petroleum coke and supplies it in India and for export, with a TDS, MSDS and COA for each lot.

Typical Specification

Parameter	Typical value
Appearance	Black granular coke
Fixed carbon (%)	98.5 min
Sulphur (%)	1.0 max
Volatile matter (%)	0.7 max
Ash (%)	0.5 max
Moisture (%)	0.5 max
Real density (g/cm³)	2.04 min
Sizes	0–5, 1–5 and 5–10 mm (other sizes on request)

Supply Details

Item	Detail
Form	Granular
Packing	As per order; jumbo bags or small bags
Storage	Store dry in covered area, away from moisture and ignition sources
Transport classification	Not classified as dangerous goods
Certification	COA supplied with each lot

Typical Applications

- Aluminium industry (anode raw material)
- Steel and foundry recarburising
- Graphite electrode and carbon product manufacture
- Titanium dioxide and other chemical processes

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