

Product Data Sheet

Hardwood Charcoal

Description

Description	Hardwood charcoal is a carbonised solid fuel produced by the controlled pyrolysis of hardwood. With a high fixed carbon content, low ash, ultra-low sulphur, and a high calorific value, it is a clean-burning fuel and carbon source for barbecue / grilling, industrial heating, and metallurgical and chemical applications.
Applications	Used as barbecue / grilling fuel, industrial and domestic heating fuel, a reductant / carbon source in metallurgy, and a feedstock for activated carbon and other carbon products.
Used In	BBQ / grilling, heating fuel, metallurgy, activated carbon

Key Benefits

- High fixed carbon (65–85%)
- Low ash (max. 3%) for clean burning
- Ultra-low sulphur (<0.1%)
- High calorific value (6,500–7,500 kcal/kg)
- Lump size 10–100 mm; long, steady burn

Chemical Analysis & Physical Data

Proximate Analysis

Parameter	Value Range
Fixed Carbon	65% – 85%
Ash Content	Max. 3%
Moisture	Max. 5% – 8%
Volatile Matter	15% – 25%
Sulphur	Ultra low (< 0.1%)
Calorific Value	6,500 – 7,500 kcal/kg

Physical Properties

Property	Specification
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Form	Hardwood charcoal lumps
Size	10 – 100 mm
Bulk Density	180 – 250 kg/m ³
Colour	Black
Origin	India

* Natural product; values vary by wood source and batch. Test methods available upon request.

Packaging

- 10 kg / 20 kg / 25 kg PP / HDPE woven or paper bags
- Jumbo bags (FIBC) for bulk orders
- Loose in bulk for large industrial / export orders
- Custom packaging available on request.

Storage & Handling

- Store in a dry, cool, well-ventilated area away from heat and ignition sources
- Keep dry – wet charcoal can self-heat; allow fresh charcoal to cure / cool before bagging
- Avoid confined storage of large quantities without ventilation (self-heating risk)
- Handle with appropriate PPE to control dust

Disclaimer: The information provided in this document is based on our current knowledge and is intended as a general guide. Charcoal is a natural product; values vary by wood source, batch, and kiln, and figures are typical ranges. Ochnology Solution Pvt. Ltd. reserves the right to modify specifications without prior notice. Buyers are advised to conduct their own testing for specific applications.