

Technical Data Sheet : Charcoal

General Information

Product Name: Charcoal

Product Description: Solid and porous product obtained through controlled carbonization of woody residues in the absence of oxygen. Manufactured without chemical additives, ensuring a natural, high-quality, and environmentally friendly product.

Origin: Costa Rica

Commercial Presentation:

- Polypropylene bags of 20 kg / 25 kg / 50 kg
- Bulk (optional)
- Briquettes (optional, if applicable)

Technical Specifications (approximate values):

Parameter	Typical Value
Moisture	≤ 8 %
Ash content	≤ 5 %
Calorific value	≥ 7.500 kcal/kg
Volatile matter	15 - 30 %
Fixed carbon	≥ 70 %
Particle size	30 - 150 mm
Bulk density	200 - 350 kg/m ³
Mechanical durability	≥ 90 %
Odor and taste	Neutral / no added chemicals
Free from contaminants	Yes (heavy metals, lead, etc. free)

Uses:

- Cooking and barbecues (domestic and professional use)
- Restaurantes y catering
- Industrial thermal processes
- Heat generation in homes or boilers

Certifications (if applicable):

- Certificate of origin (Costa Rica)
- Phytosanitary certification
- SGS / Bureau Veritas / ICONTEC (if requested)

Packaging and Logistics:

- **Packaging:** Polypropylene or jute bags, printed or plain
- Includes documentation: Commercial invoice, packing list, certificate of origin and health certificate
- **Load capacity:**
 - 20-foot container: up to 21 metric tons
 - 40-foot container: up to 25 metric tons

Storage Conditions:

- Store in a dry and well-ventilated area
- Keep away from heat and moisture
- Avoid direct sunlight for long periods

