

Hazelnut Shell

A classic biomass fuel with high supply continuity in Türkiye, a calorific value close to wood and low ash. A dependable option from the greenhouse to the boiler.

Thanks to Türkiye's leadership in world hazelnut production, Hazelnut Shell is the most abundant solid biomass fuel with the most consistent supply and the most developed logistics network. From the moment it leaves the cracking facilities, its low moisture content makes it ready for direct combustion.



General And Logistics Details

Property / Field	Description
Origin Region & Basin	Our Black Sea & Anatolia Cracking Facility Network
Harvest / Season / Processing	August – September (Year-Round Ex-Facility Supply)
Form & Calibrations	Natural Cracked Hazelnut Shell
Export Packaging	Bulk Truckload / 1-Tonne Big-Bag / Sack on Request — the packaging preference, palletization and international container shipping plan (typically on fob or exw terms) are settled in the quotation.

Product Information

Property	Information
Higher Heating Value (HHV)	Typical reference ~4,420–4,590 kcal/kg (per biomass literature; varies by lot/source)
Lower Heating Value (LHV)	Typical reference ~3,855–4,410 kcal/kg (biomass literature; varies by lot/source)
Ash Content	Low Ash Content
Bulk Density	Compact and Homogeneous Bulk Structure

Key Features

- Stable, high calorific value (HHV) close to that of wood
- Wide nationwide supply network; stock availability varies by season
- Low ash content and clean, sulphur-free emissions
- Hard shell texture also usable as a natural abrasive / blasting media

Main Areas Of Use

- Greenhouses & Bread Ovens
- Biomass Power Plants
- Poultry House & Barn Bedding

The calorific value and ash references in the table are based on biomass literature and supply experience; exact values vary with the lot, moisture and source, and are not a commitment measured by our company. For serious wholesale purchase enquiries we consider your sample request; the sample fee charged is calculated over the retail reference unit price, and the courier/freight cost belongs to the buyer.