

Walnut Shell

One of the high calorific, clean burning members of the shell family. Both an upper-tier solid fuel and an industrial/filtration raw material.

Walnut Shell, with its high lignin content, is one of the most valuable products in the world of hard shells, both in terms of thermal (heating) value and mechanical strength.



General And Logistics Details

Property / Field	Description
Origin Region & Basin	Walnut Kernel Facilities across Anatolia
Harvest / Season / Processing	September – October (Year-Round Output)
Form & Calibrations	Natural Cracked Walnut Shell
Export Packaging	Bulk Truckload / 1-Ton Big-Bag / Sacks 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 ~4,250–4,800 kcal/kg (biomass literature; varies by lot/source)
Lower Heating Value (LHV)	Typical reference ~4,000–4,400 kcal/kg (biomass literature; varies by lot/source)
Ash Content	Super Low Ash Content
Lignin Content	High Lignin Content

Key Features

- › High heating value (HHV), super-calorific biomass fuel
- › Very low ash content, minimal clinker and fouling in boilers
- › Can also be used as filtration media in petrochemical and industrial water treatment on request
- › High lignin structure makes it suitable for the abrasive and blasting industry

Main Areas Of Use

- › Industrial Boilers & Greenhouses
- › Industrial Filtration System
- › Activated Carbon & Pellets

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.