

SSG EXIM CO - TECHNICAL DATA SHEET (TDS)

PRODUCT SPECIFICATION: COCONUT SHELL STEAM ACTIVATED CARBON

Grades: Water Treatment, Gold Recovery (CIP/CIL), Food & Beverage, Air/Gas Purification, Pharma

PHYSICAL & CHEMICAL PARAMETERS (TYPICAL VALUES)

Iodine Number (mg/g)	600 - 1200+ mg/g (ASTM D4607)
CTC Adsorption (%)	40% - 70% (ASTM D3467)
BET Surface Area (m2/g)	900 - 1300 m2/g
Hardness / Ball-Pan (%)	95% - 99% Min (ASTM D3802)
Moisture Content (%)	5.0% Max (as packed)
Total Ash Content (%)	3.0% - 5.0% Max
pH Value	7.0 - 10.0 (Water soluble)
Apparent Bulk Density	0.45 - 0.55 g/cc
Standard Mesh Sizes	4x8, 8x16, 8x30, 12x40, 20x50, 200, 325 mesh

KEY APPLICATIONS

Water Treatment	Potable municipal water, RO pre-filters, wastewater recycling
Gold Recovery	CIP (Carbon-In-Pulp), CIL (Carbon-In-Leach) mining operations
Food & Beverage	Sugar decolourisation, edible oils, beverage polishing
Air & Gas Purification	Industrial flue gas, VOC removal, solvent recovery, gas masks

Commercial & Export Terms:

Packing: 25 kg PP bags with inner PE liner / 500 kg jumbo bags (FIBC) on ISPM-15 treated pallets.
Port of Loading: Nhava Sheva (JNPT), Mumbai, India | Incoterms: FOB Nhava Sheva / CIF destination port.
Certifications & Inspection: Certificate of Analysis (COA) provided with every batch. SGS/Intertek inspection on request.