



GRANULAR ACTIVATED CARBON FROM OLIVE POMACE

The superior mechanical hardness and low dust content of Olea Sorb make it an ideal choice for liquid and gas phase applications, ensuring reliable performance and a long service life in filtration systems..



Precious Metal Recovery (Gold Mining): Excellent performance in Carbon-in-Leach (CIL), Carbon-in-Pulp (CIP), and Carbon-in-Column (CIC) processes due to its high abrasion resistance and rapid adsorption kinetics.

Excellent Mechanical Strength: Its high hardness minimizes attrition losses during backwashing and transport operations, thereby reducing operating costs.



Technical Specifications

Parameter	Specification	Test Method
Iodine Number	800 - 1200 mg/g	ASTM D4607
Hardness (Ball-Pan)	≥ 95 %	ASTM D3802
Moisture Content (as packed)	≤ 5 %	ASTM D2867
Total Ash Content	≤ 5 %	ASTM D2866

Typical Physical Properties

Parameter	Typical Value	Test Method
Specific Surface Area (BET)	800 - 1 200 m ² /g	ASTMD3663 / D6556
Apparent Density	370 - 480 kg/m ³	ASTM D2854
pH	4 - 11	ASTM D3838
Methylene Blue Number	200 - 250 mg/g	ASTM D4607
Attrition Loss	≤ 4 %	ASTM D3802
Uniformity Coefficient	< 2.0	ASTM D2862
Appearance	Irregular black granules	Visual
Odor	Odorless	Organoleptic

Available Particle Sizes

Our crushing process allows us to offer the most common standard market sizes, including::

- 4 x 8 mesh (4.75 - 2.36 mm)
- 8 x 16 mesh (2.36 - 1.18 mm)
- 6*12 mesh (3.36- 1.68 mm)
- 8 x 30 mesh (2.36 - 0.60 mm)
- 12 x 30 mesh (1.70 - 0.60 mm)

Other particle sizes available upon request within the 4x30 mesh range [ASTM D2862].

Packaging



- 25 kg multi-wall paper bags on pallets
- 500 kg polypropylene FIBCs (big bags) with a polyethylene inner liner

Storage

Store in a dry, well-ventilated area, away from direct sunlight, heat sources, and oxidizing agents. Keep in the original sealed packaging to maintain product integrity.

Safety and Handling

Activated carbon is a safe product. However, wet activated carbon can deplete oxygen in confined spaces. Adhere to safety procedures for working in potentially oxygen-deficient atmospheres. Avoid inhaling dust during handling. A Safety Data Sheet (SDS) is available upon request.