

OLEASORB GAC-950 S

HIGH ACTIVITY GRANULAR ACTIVATED CARBON

For potable water & gold recovery

Olea Sorb GAC-950 S is a high-activity granular activated carbon manufactured from olive pomace using an advanced steam activation process. This treatment develops a predominantly microporous internal structure, providing superior adsorption capacity for low molecular weight organic compounds.

Its exceptional mechanical hardness, comparable to that of coconut shell-based carbons, minimizes attrition and the generation of fines, ensuring optimal performance in demanding hydraulic circuits such as those in gold mining.



Technical Specifications

Parameter	Specification	Test Method
Iodine Number	min. 950 mg/g	ASTM D4607
Hardness (Ball-Pan)	min. 96 %	ASTM D3802
Moisture Content (as packed)	max. 5 %	ASTM D2867
Total Ash Content	max. 6 %	ASTM D2866

Typical Physical Properties

Parameter	Typical Value	Test Method
Methylene Blue Number	~ 220 mg/g	ASTM D4607
Specific Surface Area (BET)	~ 1000 m ² /g	ASTMD3663 / D6556
Apparent Density	~ 440 kg/m ³	ASTM D2854
pH	8 - 11	ASTM D3838

Typical Applications

Potable	Water	Treatment:
Removal	of	disinfection
by-products	(Trihalomethanes -	
THMs).	Adsorption	of
micropollutants,	pesticides,	and
pharmaceutical	residues.	
Dechlorination	and	removal
tastes and odors	(geosmin, MIB).	

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.

Food and Beverage Industry:
Process water purification for the production of beverages, beers, and spirits.

Air Treatment: Removal of volatile organic compounds (VOCs) at low concentrations

Available Particle Sizes

- 8 x 16 mesh (2.36 - 1.18 mm)
- 8 x 30 mesh (2.36 - 0.60 mm)
- 12 x 30 mesh (1.70 - 0.60 mm)