

FILTRA GREEN PAC-950 F

HIGH PURITY POWDERED ACTIVATED CARBON

For Food & Pharma

Filtra Green PAC-950 F is a high-performance powdered activated carbon characterized by high adsorption activity and a fine particle size. Obtained through an advanced activation of olive pomace, this grade is specifically designed for purification applications where maximum efficiency and rapid kinetics are paramount.

Its pore structure, rich in mesopores and micropores, is particularly effective for decolorization and the removal of organic impurities in the food, beverage, and pharmaceutical industries.



Technical Specifications

Parameter	Specification	Test Method
Iodine Number	min. 950 mg/g	ASTM D4607
Moisture Content (as packed)	max. 8 %	ASTM D2867
Total Ash Content	max. 5 %	ASTM D2866

Typical Physical Properties

Parameter	Typical Value	Test Method
Methylene Blue Number	~ 240 mg/g	ASTM D4607
Specific Surface Area (BET)	~ 1000 m ² /g	ASTMD3663 / D6556
Apparent Density	~ 450 kg/m ³	ASTM D2854
pH	8 - 11	ASTM D3838

Typical Applications

Food and Beverage Industry:
Decolorization of sugar syrups (glucose, fructose), glycerin, and edible oils. Purification of organic acids (citric acid, lactic acid). Color adjustment and removal of off-tastes in fruit juices and alcoholic beverages.

Pharmaceutical Industry:
Purification of active pharmaceutical ingredients (APIs) and synthesis intermediates. Removal of colors and impurities in antibiotics and vitamins.

Water Treatment: Removal of persistent organic pollutants at low concentrations.

Available Particle Sizes

- Fine (F) : $> 90\% < 325$ mesh
(0.045 mm)