



Filtration Separation Purification

PRODUCT DATA SHEET

Ecosorb® S-1451

Ecosorb® S-1451 belongs to the new generation of high-performance adsorbents products from Graver Technologies' S-Series, mainly designed for the extensive decolorization of sugar solutions. S-1451 maintains the typical S-Series properties of a moist, non-dusting, multi-functional purification media that further enhances adsorption, filtration, and ion exchange capacity into a single product.

The high adsorption capacity of the S-1451 and its excellent filterability properties make it highly efficient for liquor decolorization, being removed by filtration with a reduction of up to 100% of the filter aid needed and equivalent increases in filter cycles duration and a significant decrease in the solid-waste generation when compared to former Ecosorb products.

Ecosorb® S-1451 has a much higher performance compared to Powdered Activated Carbon (PAC).

Ecosorb® S-1451 can be dosed directly in the reactor or in line. Depending on the application it is possible to achieve a color reduction between 15 and 70%.

Typical Properties

Appearance:	Moist powder aggregates
Color:	Predominately black with some white flecks
Functional Components:	Powdered Activated Carbon Anion Exchange Resin (Chloride Form) Cellulose Fiber Perlite
pH	6.0 – 9.0
Total Moisture:	60% ± 3%
Shelf Life:	Two years from date of Manufacture
Packaging:	Available in 15 kgs (33 lbs); 60 bags per pallet

Ecosorb S-series raw materials comply with applicable food contact requirements

Ecosorb S-series products are Certified as Kosher and Pareve

Ecosorb S-series products are HALAL certified

For more information on Ecosorb® Multi-functional Adsorbent Media contact:

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