



Filtration Separation Purification

PRODUCT DATA SHEET

Ecosorb® S-492

Ecosorb® S-492 is a moist, non-dusting, multi-functional purification media that combines adsorption, filtration and ion exchange capacity into a single product. Ecosorb products utilize a proprietary method to affix fine particles of ion exchange resin onto an inert support. By combining the superior kinetics of fine particles with excellent flow characteristics, purification processes run longer and deliver better quality effluents than with standard treatment methods.

The high ion exchange resin content of S-492 makes it extremely efficient for decolorization, including color bodies not easily removed by activated carbon. It is designed for use in liquid sugar refining and processing operations, where a large reduction in color is required.

Ecosorb S-492 is designed for use in a traditional slurry (batch or continuous) operation. Depending on the application, 200 to 400% increases in filter cycle throughput and 50 to 90% reductions in solid waste are typical compared to traditional PAC (powdered activated carbon) treatment.

Ecosorb® S-492 is also available as S-492RB, a heat treated version with reduced bioburden (yeast, mold, and bacteria).

Typical Properties

Appearance:	Moist powder aggregates
Color:	Predominately dark grey to black with some white flecks
Functional Components:	Powdered Activated Carbon Anion Exchange Resin (Chloride Form) Cellulose Fiber
pH:	6.5 – 8.0
Total Moisture:	50 – 52%
Shelf Life:	S-492 – Two Years from Date of Manufacture S-492RB – One Year 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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