



Filtration Separation Purification

PRODUCT DATA SHEET

Ecosorb® S-426

Ecosorb® S-426 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 activated carbon and 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.

S-426 is recommended for decolorization and for the elimination of objectional taste and odor compounds from a variety of food and beverage products. Typical applications include sugar processing, sugar alcohols, starch derived sweeteners and artificial sweeteners.

Ecosorb® S-426 can be used either in a traditional slurry (batch or continuous) mode or as a precoat. Depending on the application, 150 to 400% increases in filter cycle throughput and 50 to 80% reductions in solid waste are typical compared to traditional PAC (powdered activated carbon) treatment.

Ecosorb® S-426 is also available as S-426RB, 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: | 5.0 – 7.0 |
| Total Moisture: | 60 ± 3% |
| Shelf Life: | S-426 – Two Years from Date of Manufacture S-426RB – 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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