



Filtration Separation Purification

PRODUCT DATA SHEET

Ecosorb® W-714

Ecosorb® W-714 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. It's high activated carbon content makes it extremely efficient for removing dissolved organics and chelated metals.

W-714 is recommended for removing brightener products from nickel plating solutions, and for the removal of chelated and insoluble metals from wastewater streams.

Ecosorb® W-714 can be used either in a traditional slurry (batch or continuous) mode or as a precoat. Depending on the application, 200 to 500% increases in filter cycle throughput and 50 to 90% reductions in solid waste are typical compared to traditional PAC (powdered activated carbon) treatment. Ecosorb® W-714 has been used successfully in precoat operations with a variety of standard high surface area filters, including leaf, candle, plate & frame, Sparkler, flatbed, cartridge, and spinning disc. Addition of filter aid body feed in either slurry or precoat operation is not required, although a thin layer of filter aid against the filter surface may still be required when bringing a new filter on line.

Typical Properties

Appearance:	Moist powder aggregates
Color:	Predominantly black with some white flecks
Functional Components:	Powdered Activated Carbon Powdered Anion Exchange Resin Cellulose Fiber Diatomaceous Earth
Total Moisture:	60% ± 3%
Shelf Life:	One Year from Date of Manufacture
Packaging:	40 lbs per box/27 boxes per pallet

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

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