Graver Technologies

Filtration | Separation | Purification

Ecosorb® W-709

Ecosorb® W-709 is a moist, non-dusting, multi-functional purification media that combines adsorption and filterability 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.

W-709 is recommended for the treatment of mixed wastes from aqueous streams to remove contaminants that can include metal cyanides, free metals, chelated metals, chromates, and organics.

Ecosorb W-709 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-709 can be used in precoat operations utilizing 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* *Proprietary Polymers* *Cellulose Fiber*
pH:	*6.0 – 8.0*
Total Moisture:	*60% ± 3%*
Permeability (v/v):	*40% minimum*

Shelf Life: One year from date of Manufacture

Packaging: 40 lbs per box/27 boxes per pallet

For more information

Graver Technologies Customer Service: **1-888-353-0303**
Outside the US: **1-302-731-3568** Fax: **1-302-369-0938**
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