

ECM™ 100, 200, 300, 400 are a suite of proprietary contaminant resistant polymers that are blended with our high purity Wyoming sodium bentonite. These proprietary enhancement additives are designed to reduce permeability of geosynthetic clay liners. When added to bentonite, it can improve the resultant seal, and can be used to extend the range of suitable leachate for which a geo-synthetic clay liner can be employed. Selecting the appropriate ECM additive is important when containing aggressive detrimental contaminants. The distinct structure of ECM additives allows the bentonite to hydrate and yield in very hostile water sources and exert its protective effect on bentonite.

Property	Specification
Color	White/Off White powder
pH	7-11
Specific Gravity	0.6-1.78

Packaging

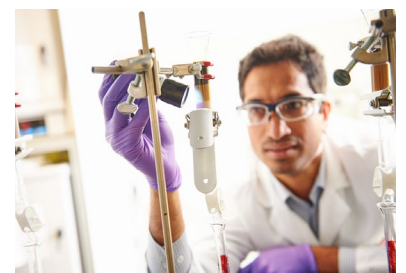
ECM is available in 50 lb. and bulk bags and ships from our Colony, WY plant or from Houston, TX.

Applications/Functions

- Geosynthetic Clay Liners (GCL) in chemistries where bentonite only GCL are not satisfactory
- Seal overlaps of geotextiles layers
- Enhance bentonite hydration and yield

Advantages

- Extends the capability of geosynthetic clay liner
- Environmentally acceptable, non-biodegradable and non-toxic
- Reduces resultant permeability



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