

# ORGANOCLAY® PM-199

## ORGANIC ADSORPTION MEDIA

### DESCRIPTION

ORGANOCLAY® PM-199 is a proprietary granular adsorption media effective in removing oils, greases other non-aqueous phase liquids (NAPL) and other dissolved high molecular weight/low solubility organics.

### APPLICATIONS

**ORGANOCLAY® PM-199 is specially formulated for use in the following applications:**

- Organophilic Filtration Media: as flow through media for treating groundwater and leachate.
- ORGANOCLAY® Bulk Capping: provides subaqueous chemical isolation of contaminated sediment NAPL seeps in waterways.
- Solidification/Stabilization additive: improves hydraulic and leachability performance of pozzolanic mixes by adsorbing NAPL and dissolved low solubility organics

### BENEFITS

- As filtration media used in series prior to activated carbon vessel, it extends life and adsorbency of activated carbon by removal of larger molecular organics that can cause fouling.
- Operates in stand-alone mode for treatment of oil contaminated waters or steam condensates.
- High adsorption capacity of oils, greases and other NAPL

### PACKAGING

**ORGANOCLAY® PM-199 is available in the following packaging options:**

- 50 lb bag
- 1500 lb super sack



ORGANOCLAY® is ideal for use in sediment caps or other remediation applications where oils, greases, non-aqueous phase liquids (NAPL) and other organic contaminants are present.

### TESTING DATA

PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULTS
Bulk Density	CETCO Test Method	44–56 lbs./cu.ft.
Oil Adsorption Capacity	CETCO Test Method	0.5 lb/lb Minimum
Hydraulic Conductivity	mod ASTM D 2434/5084	1x10 <sup>-3</sup> cm/sec Minimum
Quaternary Amine Content	CETCO Test Method	25–33% min. Quaternary Amine Loading

North America: 847.851.1800 | 800.527.9948 | [www.cetco.com](http://www.cetco.com)

UPDATED: MAY 2017

© 2017 Minerals Technologies Inc. IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please visit [www.cetco.com](http://www.cetco.com). CETCO accepts no responsibility for the results obtained through application of this product. All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use and for proper use and disposal of the product. CETCO MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. CETCO reserves the right to update information without notice.

