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

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