



Oarfish™

M-One

Organoclay

M-One is an organically modified bentonite used as a gelling and viscosifying agent for primarily diesel-based drilling fluids.

Advantages

- Capable of being used in the 2-10 lb/bbl (5.7-28.5 kg/m³) range
- Uses higher concentrations to prepare spotting fluids, packer fluids or other special systems
- Attains maximum viscosity after a complete circulation of the fluid through the bit

Technical Specifications

Product	M-One
Properties	Specification
Appearance	Finely-divided creamy to pale buff powder
Specific Gravity (H₂O=1)	1.6 - 1.8
Bulk Density (kg/m³)	800 - 900
Odor	Odorless or slight odor of fatty acid
Particle Size (% through 100 mesh)	75 minimum
Moisture Content (%)	2 - 5
Decomposition Point	200°C
Solubility	Oil dispersible; insoluble in water