



RHEOLOGICAL ADDITIVE

Technical Data Sheet

CP-982

CP-982 Organophilic Clay is a moderate temperature performance amine-treated Bentonite. It is a cost-effective product, particularly in all-oil, invert diesel fluids, where sufficient shear is available to achieve full dispersion. CP-982 viscosifier is used to increase carrying capacity and suspension properties, providing support for weight materials and improved cutting removal.

Properties

Composition	Organically modified bentonite clay
Appearance	Off white to tan free-flowing powder
Moisture content (105°C,2hr)	≤4%
Particle size (150 mesh)	≥98%
Specific Gravity	1.7
Bulk Density, kg/m ³	540
30% Diesel Oil Gel, 600rpm, CP	≥24
30% Diesel Oil Gel, Yield Point	About 6

Advantages

- Effective viscosifier and gellant
- Aids control of fluid loss to the formation
- Increases emulsion stability
- Improves cuttings carrying and hole cleaning capacity
- Suspends weighting materials and other solids
- Confers temperature stability to the fluid

Application

Base oil:

- Diesel Oils
- Crude Oils

Viscosifying drilling Fluids:

- Oil based drilling fluids
- Invert emulsion fluids
- Workover fluids
- Completion fluids
- Casing packs
- Packer fluids
- Spotting fluids

Safety

All safety information is provided in the Material Safety Data Sheets for Zhejiang Camp-Shinning New Material Co., Ltd.

Package

Kraft paper bag with PE liner or multi-wall paper sacks or customized. 25kg/bag or 50LB/Sack or customized

Storage

CP-982 Store in a dry, well-ventilated area with temperature of 0°C-30°C. Keep container closed. The quality guarantee period is 24 months.

Notice

The information on use is based on data which are believed reliable, but any recommendation or suggestion made is without guarantee or warranty, since the conditions of use are outside our control. All products are sold on the conditions that purchasers shall make their own tests to determine the suitability of such products for their purpose and that all risks are assumed by user. We disclaim any responsibility for damages resulting from careless or improper handling or use. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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