



长兴广达新型材料有限公司
Changxing Guangda New Materials CO.,LTD

GDGEL-D82 RHEOLOGICAL ADDITIVE

Description GDGEL-D82 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. GDGEL-D82 viscosifier is used to increase carrying capacity and suspension properties, providing support for weight materials and improved cutting removal.

Properties	Composition	Organic derivative of a montmorillonite clay
	Appearance	Fine light powder,
	Moisture content (105℃,2hr)	≤4.0%
	Bulk density	0.54g/cm ³
	Fineness (<74 μ m, %)	≥98%
	5% Diesel Oil Gel, 600rpm, CP	≥24
	5% 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

Confers stability at the pressure and temperature 108Pa and 230℃

Application	Base oil:	
	<ul style="list-style-type: none">● Diesel Oils	<ul style="list-style-type: none">● Crude Oils
	Viscosifying drilling Fluids:	
	<ul style="list-style-type: none">● Viscosifying drilling Fluids:● Oil based drilling fluids● Invert emulsion fluids● Workover fluids● Completion fluids● Casing packs● Packer fluids● Spotting fluids	

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**Package
&Storage**

Kraft paper bag with PE liner or multi-wall paper sacks or customized. 25kg/bag or 50LB/bag or customized. GDGEL-D82 has a shelf life of 24 months, and should be stored in ventilated cool and dry place.

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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