



DRILLING FLUID PRODUCTS

TECHNICAL INFORMATION

IM-BEN™ 135

API Non-Treated Bentonite

Viscosifier and Fluid Loss Control Agent for Water Based Drilling Fluids

IM-BEN 135 is high purity sodium bentonite (Montmorillonite) for drilling applications. IM-BEN 135 exceeds API 13A Section 5 specifications.

Product Specifications:

Property	Specification
Suspension properties as per API 13A Section 5	
YP/PV Ratio	Max 1.5
Dispersed Plastic Viscosity (PV)	Min. 10 cps
Dispersed Filtrate Volume	Max. 12.5 cm ³
Residue on 200 mesh (74 micron), %wt	Max. 4%
Moisture, %wt	Max. 10%
Bulk Density (kg/m ³)	750 - 800
Appearance	Grey to tan fine powder

Functions:

IM-BEN 135 has the following benefits:

- Is a pure product with no chemical additives and is non-peptized. This allows product to remain stable in elevated bottom-hole temperatures (BHT).
- Has high purity and very low iron oxide, and is ideal where high iron oxide may cause a problem with corrosion and contamination to the well.
- Cost effective means of building mud properties and adding viscosity for suspending drilled solids

Packaging:

Packaged in multiwall paper sacks and in 1000 kg HDPE big bags.

Legislation and Handling Recommendations:

Not restricted by any regulatory agency. Refer to the Material Safety Data Sheet (MSDS) for the product prior to use.

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