



DRILLING FLUID PRODUCTS

TECHNICAL INFORMATION

IM-BEN™ 134

API Bentonite

Viscosifier and Fluid Loss Control Agent for Water Based Drilling Fluids

IM-BEN 134 is high purity high yielding sodium bentonite for drilling applications. IM-BEN 134 exceeds API 13A Section 4 specifications.

Product Specifications:

Property	Specification
Suspension properties as per API 13A Section 4	
Viscometer Dial reading at 600 rpm	Min. 30
Yield Point/Plastic Viscosity ratio (YP/PV)	Max. 3
API Filtrate Volume	Max. 15.0 cm ³
Residue greater than 75 microns	Max. 4% (wt)
Moisture Content (as packed)	Max. 10%
Density (T/m ³)	2.6
Bulk Density (kg/m ³)	750 - 800
Appearance	Grey to tan fine powder

Functions:

IM-BEN 134 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 25 and 50 kg 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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