



RGT BENTONITE TECHNICAL DATA SHEET

Description: RGT Bentonite is a high-yield, 200 mesh Bentonite. It is mainly used to maintain borehole integrity in horizontally drilled boreholes.

Recommended Use: RGT Bentonite is ideal for conditions encountered in angle and horizontal: drilling. It can be used for all types of fresh water mud rotary drilling and as a jacking lubricant

Characteristics

- ✚ Concentrated for high yield
- ✚ Eliminates clay and shale swelling, bit balling, and sticking problems
- ✚ Forms a tight, thin filter cake in unstable formations
- ✚ Maintains borehole integrity in horizontal and vertically drilled holes
- ✚ Mixes quickly
- ✚ Requires less material due to low fluid loss properties

SLURRY PROPERTIES – 3.28%

PARAMETERS	SPECIFICATION
Fann Viscosity at 600 rpm	30-35 cps
Fann Viscosity at 300 rpm	24-28 cps
PV	6-7 cps
Yield Point (YP)	18-21 lb/sq2
Filtrate Volume	25-30 ml
API Barrel Yield	180-185 bbl
Appernet Viscosity	15-18 cps
Filtre Cake	1.0-1.5 mm
Ph	9.0-9.7
Marsh Viscosity	40-45sec

GENERAL PROPERTIES

PARAMETERS	SPECIFICATION
Moisture	12.0-13.0 %
Free Swelling	28-30 ml/cc
Specific Gravity	2.5 g/cc
Wet Residual on 200 mesh	1.5 %

PACKING

- 25 kg HDPE bag with PE liner packed in 1 M.T Loose bag
- Loose in 1 M.T and 2 M.T HDPE bulk bags with inner PE liner
- Other packaging modes could be taken up on request