

PREMIUM GEL[®] EP

API BENTONITE

DESCRIPTION

PREMIUM GEL is a 200 mesh, 90 bbl yield sodium bentonite that complies with API 13A Section 9, Specifications.

RECOMMENDED USE

As an admix to cement-based solidification/stabilization. PREMIUM GEL can also be used for slurry walls.

CHARACTERISTICS

- Mixes quickly and easily
- Reduces hydraulic conductivity

MIXING AND APPLICATION:

Slurry properties are based on the use of freshwater; water purity will affect bentonite performance. Add PREMIUM GEL slowly through jet/hopper mixer.

PACKAGING

50 lb (22.7 kg) bag, 48 per pallet, 100 lb (45.4 kg) bag, 35 per pallet, 1 ton or 2 ton supersacks, or bulk. All pallets are plastic-wrapped.

SLURRY PROPERTIES - 6.04% SOLIDS		
Property	Typical Value	Specification/Procedure
Viscosity FANN 600 rpm	40 cps	30 cps Min - API 13A Section 9
Yield - 42 gal bbl of 15 cps slurry/ton	90 to 120 bbl/tn	90 Min - API 13A Section 9
Marsh Funnel, seconds/quart	42 seconds	ASTM D6910
Filtrate, 30 minutes @ 100 psi, ml	13 to 15 ml	15 ml Max - API 13A Section 9
GENERAL PROPERTIES		
Property	Typical Value	Specification/Procedure
Bulk Density Non-compacted	53 lbs/ft ³	ACC TP-1005
Bulk Density Compacted	72 lbs/ft ³	ACC TP-1005
Grit % (<75 micron)	3.2%	4.0% Max - API 13A Section 9
Particle Sizing	70% Min passing #200 mesh sieve	ACC TP-1015

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UPDATED: JANUARY 2014

TDS_PREMIUMGEL-EP_AM_EN_201401_v1