



Product Data Sheet

Bentonite API

Description

Bentonite API is a treated Wyoming Bentonite based clay. It is a -200 mesh product with competitive yield, filtration, hole cleaning, and hole stability properties.

Consistency

Our Gel API is selectively mined, separated, and blended to ensure all quality control and assurance measures are met. Our Bentonite API is tested for and meets requirements of API 13A, Section 11 specifications.

Product Characteristics

Property	Typical Value	API Specification
FANN VISCOSITY @ 600 RPM	33	30 MINIMUM
FANN VISCOSITY @ 300 RPM	23	
PLASTIC VISCOSITY	10	
YIELD POINT	13	
10 SEC GEL STRENGTH	10	
YP/PV (YIELD POINT/PLASTIC VIS)	1.3	6.0 MAXIMUM
FILTRATE 30 MIN @ 00 PSI	14	16.0 MAXIMUM
YIELD- 42 GAL BBL YIELD/TON @ 15CPS	96	
MOISTURE %	8 TO 12	
SWELL INDEX	18 TO 22	
SPECIFIC GRAVITY	2.6	
Ph (5% suspension)	8.5	
WET SCREEN (+200 MESH)	2% REMAINING	2.5% MAXIMUM
DRY SCREEN RESIDUE (-200 MESH)	75% PASSING	
BULK DENSITY (LBS/FT3) UNPACKED	50	
BULK DENSITY (LBS/FT3) PACKED	73	

*All weights are approximate. The information and data contained herein are believed to be accurate and reliable. Bri-Chem Supply Corp. makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.