



WYOMING BENTONITE

Technical Data

This document was revised on 14th December 2016 and supersedes all earlier versions.

Product Description

A natural sodium bentonite, milled and air classified to give a consistent fine powder.

Chemical Analysis (Typical)

SiO ₂	63.23%	CaO	1.40%
Al ₂ O ₃	20.26%	K ₂ O	0.58%
Fe ₂ O ₃	3.85%	TiO ₂	0.15%
MgO	2.42%	H ₂ O	5.44%
Na ₂ O	2.31%		

Mineralogy

Montmorillonite Minimum 85%

Other Properties (Typical)

Bulk Density 800 - 900 Kg³/m
pH (5% aqueous) 8.5 - 10.5
Viscosity 1 part bentonite to 15 parts deionised water (6.25% solids) dispersed by high shear mixer gives a FANN viscometer reading of 5-20 cps.

Sieve Analysis

Maximum 5% retained on a 150µm sieve (100 mesh)

Packaging

Multi-ply 25Kg paper sacks

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