

CB MINERALS LLC

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Bentonite HYD

This is a sodium montmorillonite clay from Wyoming. It is often used in oil and gas drilling applications and meets requirements of API 13A Section 9. This material can also be used in horizontal boring / tunneling, trenching, slurry wells and poured-in-place concrete foundations.

Chemical Analysis

SiO ₂	61.4%
Al ₂ O ₃	18.1%
Fe ₂ O ₃	3.5%
Na ₂ O	2.3%
MgO	1.7%
CaO	0.4%
TiO ₂	0.2%
K ₂ O	0.1%
Other	0.07%
H ₂ O	7.8%
L.O.I.	4.4%

Physical Analysis

Specific Gravity	2.55 ± 0.1
pH (5% suspension)	9.1 ± 0.4 External
Surface area	82
Bulk Density (lbs / ft ³)	52 ± 3
Particle Size (% passing 200 mesh)	80% ± 6
Wet Screen Analysis	3.0% ± 0.5
Residue on No. 200	(4% max for 13A)

Origin: Wyoming, USA