

CB MINERALS LLC

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OIL WELL BENTONITE API SPEC. 13A, SEC. 5

This Bentonite meets the API requirements for Spec. 13A, Section 5. This item is used in small diameter borehole drilling for water wells, monitoring wells, or minerals exploration. Oil and gas drilling.

Typical Chemical Properties:

SiO ₂	61.4%
Al ₂ O ₃	18.0%
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%

Typical Physical Properties:

YP/PV Ratio	1.5 max	0.8
Plastic Viscosity	10 cp min	12.0 cp
% Passing 200 Mesh, Dry Screen	80% ± 4%	80%
Bulk Density	52 ± 3 lbs/cu. ft.	52 lbs/cu. ft.
Filtrate, 30 min	12.5 cm ³ max	10.0 cm ³
Surface Area – External	—	82 m ² /g
Surface Area – All Surfaces	—	800 m ² /g
Specific Gravity	—	2.55
Cation Exchange Capacity	meqs/100g	80-90
pH	5% suspension	9.1

Origin: USA