

CB MINERALS LLC

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BENTONITE GRANULAR GRADES

These are pure, sodium Bentonites produced as a granular material for use when larger particles size and free-of-dust are valuable properties

Typical Chemical Analysis:

SiO ₂	60.34%
Al ₂ O ₃	3.98%
Na ₂ O	2.34%
TiO ₂	0.22%
CaO	0.38%
MgO	1.67%
K ₂ O	0.10%
Other	0.07%

Typical Physical Analysis:

Color	Light Gray
LOI	4.37%
Moisture (<10%)	6–8% typical
Density	65 lbs/cu. ft.
Specific Gravity	2.55
Cation Exchange Capacity	70–90 CEC meq/100 g
Swell	18–22 cc/2 g

Particle Size Analysis:

US Standard Mesh	CH 12 % Retained	CH 30 % Retained	ENVIROGEL 30 % Retained
8	0.6		
10	3.1	0.2	0.2
16	22.5	1.0	1.8
20	13.1	33.6	49.3
40	33.1	58.8	48.2
50	8.8	4.1	0.2
60	2.8		
100	8.1		
200	4.6		
Pan	2.7	2.5	0.5

US Standard	CH 12	CH 30	ENVIROGEL 30
Mesh	% Retained	% Retained	% Retained
US Standard Mesh FS 6	% Retained FS 8	% Retained FS 20	% Retained
4	1.0		
8		17.8	0.1
10	95.0	19.6	2.7
16		54.3	78.6
20		7.3	16.8
40		0.6	0.8
-40		0.4	1.0

Origin: U.S.A.