TECHNICAL DATA

MX-80™

Product Description

MX-80™ is a fine, free flowing granular sodium bentonite with an average particle size between 30 and 200 mesh. MX-80™ is used as a fine granular material binder.

Chemical Formula

Dioctahedral smectite, an expanding layer silicate: (Na,Ca)0.33 (Al1.67Mg0.33)Si4O10(OH)2• nH2O

Packaging

- 50 and 100 pound multi-wall paper bags
- Bulk and bulk bags

Elemental Composition: typical analysis - moisture free.

Property	Value
Silica, SiO_2	63.02%
Alumina, $A1_2O_3$	21.08%
Iron Oxide, FeO	3.25%
Iron Oxide, Fe_2O_3	0.35%
Magnesia, MgO	2.67%

Property	Value
Soda Ash, Na_2O	2.57%
Calcium Oxide, CaO	0.65%
Trace	0.72%
LOI	5.64%

Physical Properties

Property	Value
Moisture	Maximum 12% as shipped
Bulk Density	58 – 65 lbs./cu.ft.
Dry particle size	Maximum 25% retained on 40 mesh µm); Maximum 12% passing 200 mesh (75 µm)
Base exchange	Typical base exchange ions or exchangeable cations (meq / 100g): Sodium 60 - 65 Calcium 10 - 30 Magnesium 5 - 20 Potassium 1 - 5
pH	8.0 – 10.5 @ 5% solids

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ADDITROL VOLCLAY HEVI-SAND

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