



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

Diocahedral smectite, an expanding layer silicate: $(Na,Ca)_{0.33}(Al_{1.67}Mg_{0.33})Si_4O_{10}(OH)_2 \cdot nH_2O$

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, Al ₂ O ₃	21.08%
Iron Oxide, FeO	3.25%
Iron Oxide, Fe ₂ O ₃	0.35%
Magnesia, MgO	2.67%

Property	Value
Soda Ash, Na ₂ O	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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