



Southern Clay Products, Inc.
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Bentolite MB®

Bentolite MB is an air purified montmorillonite, surface modified, to concentrate the highest purity from native, colloidal aluminum silicate by our unique process. The unequalled high purity is made possible by our selective mining and proprietary rigid process control of the crude ore. Ideal as a thickener, suspension and stability agent in applications where economics are important.

Applications:

Household cleaners General purpose thickener Binder/Disintegrant

Typical Physical Properties:

Form	Fine powder
Odor	None
Brightness (GEB)	57
Moisture Content	5.0 – 8.0 %
pH	9.8 (2 % solids in deionized water)
Viscosity (5% solids)	6500 cps
Swelling,	46 mls (2 g in deionized water)

Typical Chemical Properties:

SiO ₂	67.8 %
Al ₂ O ₃	18.3 %
MgO	3.6 %
Fe ₂ O ₃	1.1 %
CaO	1.6 %
Na ₂ O	0.8 %
K ₂ O	0.5 %
TiO ₂	0.2 %
Loss on Ignition	7.7 %

