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## Bentolite® MB

Bentolite® MB is a bentonite that is ideally suited for use as a thickener, suspension agent and stability agent in applications where economics are important. The unequalled quality of Bentolite® MB is made possible by selective mining and proprietary processing.

### Typical Physical Properties

Form.....Fine Powder  
Odor.....None  
Brightness.....60

### Typical Chemical Properties

SiO<sub>2</sub>.....67.8%  
Al<sub>2</sub>O<sub>3</sub>.....18.3%  
MgO.....3.6%  
Fe<sub>2</sub>O<sub>3</sub>.....1.1%  
CaO.....1.6%  
Na<sub>2</sub>O.....0.8%  
K<sub>2</sub>O.....0.5%  
TiO<sub>2</sub>.....0.2%

### Specifications

Moisture.....5.0 – 8.0%  
Wet Fineness of Powder.....0.0% on No. 200 standard sieve  
pH (2% Slurry).....9.5 – 10.5  
Swelling.....Minimum of 24.0 mls.  
Gel Formation.....Maximum of 2.0 mls.  
Identification  
    Random Powder XRD.....1.492 – 1.504 Angstroms  
    Glycolated XRD.....15.0 – 17.2 Angstroms  
Arsenic.....Less than 5.0 ppm  
Lead.....Less than 40.0 ppm  
\*Escherichia Coli.....0.0 cfu/gram  
\*Microbial APC Count.....Less than 1000 cfu/gram

\*Product is Gamma Irradiated

