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Laponite B The Clear Leader

Description

LAPONITE B is a synthetic layered fluorosilicate. It is insoluble in water but hydrates and swells to give translucent, colorless colloidal dispersions. At 2% concentration in water, highly thixotropic gels are obtained.

Application

Used for imparting shear sensitive structure to waterborne formulations.

Typical Characteristic

Appearance free flowing white powder
Bulk Density 1000 kg/m³
Surface Area (BET) 330 m²/g
pH (2% suspension) 9.4

Chemical Composition (dry basis)	
SiO ₂	55.0%
MgO	27.0%
Li ₂ O	1.4%
Na ₂ O	3.8%
F	5.6%
Loss on Ignition	7.2%

General Specifications

Gel strength	15g min
Sieve Analysis	1% Max >250 microns
Free Moisture	10% Max

Rockwood QA Test Code

ELP-L-1D
ELP-L-6A
ELP-L-5A

Specifications can be agreed to meet individual requirements.

Storage

Laponite is hygroscopic and should be stored under dry conditions.

For additional information or technical assistance contact Southern Clay Products, Inc. toll free at 800-324-2891.

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