



HEMINGS

NANJING HEMINGS NEW MATERIAL

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Lithium Magnesium Sodium Silicate

(Hatorite® RD)

The Clear Leader

※ Description

Hatorite RD is a synthetic layered silicate. It is insoluble in water but hydrates and swells to give clear and colorless colloidal dispersions. At concentrations of 2% or greater in water, highly thixotropic gels can be produced.

※ Application

Used for imparting a shear sensitive structure to a wide range of waterborne formulations.

These include household and industrial surface coatings, cleansers, ceramic glazes agrochemical, oilfield and horticultural products

※ Typical Characteristic

Appearance	free flowing white powder
Bulk Density	1000 kg/m ³
Surface Area (BET)	370 m ² /g
pH (2% suspension)	9.8

Chemical Composition	(dry basis)
SiO ₂	59.5%
MgO	27.5%
Li ₂ O	0.8%
Na ₂ O	2.8%
Loss on Ignition	8.2%

※ General Specifications

Gel strength	22g min
Sieve Analysis	2% Max >250 microns
Free Moisture	10% Max
Specifications can be agreed to meet individual requirements.	

※ Storage

Hatorite RD is hygroscopic and should be stored under dry condition.