

Reade Advanced Materials Montmorillonite - Smectite ((Na,Ca)(Al,Mg)₆(Si₄O₁₀)₃(OH)₆-nH₂O)

Category : Ceramic , Clay

Material Notes:

Description: A clay mineral having a 2:1 expanding crystal lattice. Isomorphous substitution gives the various types and causes a net permanent charge balanced by cations in such a manner that water may move between the sheets, giving reversible cation exchange and very plastic properties. Crystals expand to many times their volume when added to water. Uses: Used to slow the progress of water through soil or rocks; Used in drilling muds to give the water greater viscosity; Used to produce nanocomposites: Used as an absorbent to purify and decolor liquids; Used as a filler in paper and rubber; and used as a base for cosmetics and medicines. Forms Available: Powder Information provided by Reade Advanced Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reade-Advanced-Materials-Montmorillonite-Smectite-NaCaAlMg6Si4O103OH6-nH2O.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.30 - 3.00 g/cc	2.30 - 3.00 g/cc	
Density	2.350 g/cc	0.08490 lb/in ³	
Molecular Weight	540.46 g/mol	540.46 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	1.5 - 2.0	1.5 - 2.0	20°C

Descriptive Properties	Value	Comments
Color	white, yellow	
Crystal Structure	monoclinic	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China