

Reade Advanced Materials Diatomaceous Earth (DE) (SiO₂·nH₂O)

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

Description: A naturally occurring mineral derived from microscopic in size fossilized remains of marine diatoms. It has high absorption, low bulk density and high brightness. A silica source in the production of calcium silicates, insulation bricks and material in safes, fireproof filing cabinets, etc. Used in the paint, varnish, lacquer, and polish industries. Used as an insecticide in gardens and in swimming pools as a filtering agent. Information provided by Reade Advanced Materials.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_Reade-Advanced-Materials-Diatomaceous-Earth-DE-SiO₂nH₂O.php](http://www.lookpolymers.com/polymer_Reade-Advanced-Materials-Diatomaceous-Earth-DE-SiO2nH2O.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.00 g/cc	2.00 g/cc	
Density	0.152 - 0.208 g/cc	0.00550 - 0.00752 lb/in ³	Dry
Loss On Ignition	4.0 %	4.0 %	
pH	7.0 - 10	7.0 - 10	10% slurry

Thermal Properties	Metric	English	Comments
Melting Point	1715 °C	3119 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.46	1.46	

Descriptive Properties	Value	Comments
Color	off-white to pink	

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