

Reade Advanced Materials Sillimanite Powder & Crystal (Al₂SiO₅)

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: Sillimanite is mineral composed of Aluminum and silicon pentoxide. It was named after the chemist B. Silliman (1779-1824). Sillimanite occurs throughout the world in metamorphosed peri-aluminous sedimentary rocks. Used in the manufacture of refractories and high temperature crucibles. Some varieties used in jewelry. Forms Available: Industrial grade powder and high purity crystals Information provided by Reade Advanced Materials.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_Reade-Advanced-Materials-Sillimanite-Powder-Crystal-Al₂SiO₅.php](http://www.lookpolymers.com/polymer_Reade-Advanced-Materials-Sillimanite-Powder-Crystal-Al2SiO5.php)

Physical Properties	Metric	English	Comments
Specific Gravity	3.20 g/cc	3.20 g/cc	
Density	3.241 g/cc	0.1171 lb/in ³	
Molecular Weight	162.04 g/mol	162.04 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	6.0 - 7.0	6.0 - 7.0	20°C

Thermal Properties	Metric	English	Comments
Melting Point	1810 °C	3290 °F	

Descriptive Properties	Value	Comments
Crystal Structure	orthorhombic	

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