

Zircar Ceramics AL-CEM Alumina Cement

Category : Ceramic , Oxide , Aluminum Oxide , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

Type AL-CEM Alumina Cement is a high purity alumina bonding agent used for bonding ZIRCAR® fibrous ceramic products to themselves, and as a coating cement to improve the hardness and oxidation resistance of substrates. Information provided by Zircar Ceramics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zircar-Ceramics-AL-CEM-Alumina-Cement.php

Physical Properties	Metric	English	Comments
Density	1.95 g/cc	0.0704 lb/in ³	
Solids Content	70 %	70 %	

Thermal Properties	Metric	English	Comments
Melting Point	>= 1870 °C	>= 3400 °F	
Maximum Service Temperature, Air	1650 °C	3000 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	99.2 %	99.2 %	
SiO2	0.80 %	0.80 %	

Descriptive Properties	Value	Comments
Color	White	
Coverage	7 ft ²	1 Pint as 0.01" Layer on Fibrous Ceramic Insulation
Weight Per Pint	2 lbs	

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