

Zircar Ceramics ASBF Alumina-Silica Bulk Fiber

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Type ASBF Alumina-Silica Bulk Fiber is long alumina-silica fibers suited for the vacuum forming of low density shapes, for use as packing or as a bulk fill material. It is useful to temperatures of 1260°C (2300°F). Iron Oxides < 0.1%. Information provided by Zircar Ceramics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zircar-Ceramics-ASBF-Alumina-Silica-Bulk-Fiber.php

Physical Properties	Metric	English	Comments
Density	2.73 g/cc	0.0986 lb/in ³	Fiber Density
Filament Diameter	1.5 - 2.5 µm	1.5 - 2.5 µm	Average Diameter

Thermal Properties	Metric	English	Comments
Melting Point	1760 °C	3200 °F	
Maximum Service Temperature, Air	1175 °C	2147 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	47 - 52 %	47 - 52 %	
Na2O	<= 0.50 %	<= 0.50 %	
SiO2	48 - 53 %	48 - 53 %	
TiO2	<= 0.10 %	<= 0.10 %	

Descriptive Properties	Value	Comments
Color	White	
Fiber Index	Min 40%	conical elutriator method
Fiber Length	Max 4 in	

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