

## Zircar Ceramics ASBF-1 Alumina-Silica Bulk Fiber

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

**Material Notes:**

Type ASBF-1 Alumina-Silica Bulk Fiber is a specially processed fiber which has low shot content and relatively short fiber length. Suitable for vacuum forming of rigid boards & shapes in a range of densities and use as bulk insulation, it has useful properties to 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-1-Alumina-Silica-Bulk-Fiber.php](http://www.lookpolymers.com/polymer_Zircar-Ceramics-ASBF-1-Alumina-Silica-Bulk-Fiber.php)

Physical Properties	Metric	English	Comments
Bulk Density	<= 0.600 g/cc	<= 0.0217 lb/in <sup>3</sup>	Settled Density
Density	2.73 g/cc	0.0986 lb/in <sup>3</sup>	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
Al <sub>2</sub> O <sub>3</sub>	47 - 52 %	47 - 52 %	
Na <sub>2</sub> O	<= 0.50 %	<= 0.50 %	
SiO <sub>2</sub>	48 - 53 %	48 - 53 %	
TiO <sub>2</sub>	<= 0.10 %	<= 0.10 %	

Descriptive Properties	Value	Comments
Color	White	
Fiber Index	Min 65%	conical elutriator method

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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