

## Unifrax Fiberfrax® 7001-F-5 High Purity Bulk Fiber

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

### Material Notes:

Fiberfrax Bulk Fibers are manufactured to be used as feedstock in manufacturing processes or other applications where product consistency is critical. Manufactured on large, computer-controlled furnaces, these products provide customers with consistent material properties. Fiberfrax Bulk Fibers are typically used in the manufacture of other ceramic fiber based product forms such as: High-temperature boards, felts, and papers Combustion chambers for commercial and residential boilers Riser sleeves for molten metal casting Fireplace logs and panels for gas fireplaces Tap out cones for molten metal applications Specialized vacuum-formed shapes These bulk fibers can also be directly used as high-temperature fill and packing material in a variety of high-temperature applications, such as: Expansion joints Furnace base seals Tube seals Burner tile packing Chimney insulation Fiberfrax 7000 Series fibers are manufactured from high-purity alumina-silica materials for use in applications up to 2300°F (1260°C). These products are manufactured on computer-controlled, state-of-the-art furnaces to provide customers with consistent fiber properties. Fiberfrax 7000 Series fibers can also be chopped into several grades (coarse, medium, and fine) to provide customers with a fiber ideally suited for their application. Benefits of Fiberfrax 7000 Series fibers include: Low thermal shrinkage at high temperatures Consistent fiber properties Several chopped grades

Information Provided by Unifrax I LLC

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unifrax-Fiberfrax-7001-F-5-High-Purity-Bulk-Fiber.php](http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-7001-F-5-High-Purity-Bulk-Fiber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.73 g/cc	2.73 g/cc	

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

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 %	

Descriptive Properties	Value	Comments
Average Fiber Diameter (microns)	1.5-2.5	
Chopping	Fine	
Color	White	
Fiber Index (%)	45-55	

Descriptive Properties	Value	Comments
Temperature Grade (°C)	1260	

## Contact Songhan Plastic Technology Co.,Ltd.

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