

Unifrax Fiberfrax® Ball Milled Fiber High Purity Ball Milled Fiber

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

In addition to Fiberfrax Bulk Fibers, Unifrax has the ability to produce many different specialty fibers that provide a variety of desirable performance properties for certain applications. These fibers can be classified into the following general categories: High-Index Fibers High-Temperature Fibers Large-Diameter Fibers Milled Fibers Fiberfrax Milled Fibers are ball milled from Regular Fiberfrax Fibers to reduce fiber length, thus increasing the flowability and facilitating its dispersion in a matrix, such as resins or refractory cement compositions. Fiberfrax Milled Fibers can also be used as a compact filler insulation. These milled fibers can be used as a functional additive in a variety of coatings and composites to provide the following benefits: Superior wear resistance Improved corrosion resistance Provides reinforcement and excellent compressive strength Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-Ball-Milled-Fiber-High-Purity-Ball-Milled-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 ₂ O ₃	47 - 52 %	47 - 52 %	
Na ₂ O	<= 0.50 %	<= 0.50 %	
SiO ₂	48 - 53 %	48 - 53 %	

Descriptive Properties	Value	Comments
Average Fiber Diameter (microns)	1-2	
Chopping	Milled	
Color	White	
Fiber Index (%)	50	
Temperature Grade (°C)	1260	

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