

Unifrax Fiberfrax® 7001-M-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 papersCombustion chambers for commercial and residential boilersRiser sleeves for molten metal castingFireplace logs and panels for gas fireplacesTap out cones for molten metal applicationsSpecialized vaccum-formed shapesThese bulk fibers can also be directly used as high-temperature fill and packing material in a variety of high-temperature applications, such as:Expansion jointsFurnace base sealsTube sealsBurner tile packingChimney insulationFiberfrax 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 temperaturesConsistent fiber propertiesSeveral chopped gradesInformation Provided by Unifrax I LLC

Order this product through the following link:
http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-7001-M-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
Al2O3	47 - 52 %	47 - 52 %	
NaO2	<= 0.50 %	<= 0.50 %	
SiO2	48 - 53 %	48 - 53 %	

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

Descriptive Properties	Value	Comments
Temperature Grade (°C)	1250	

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