

Unifrax Fiberfrax® Rigidizer™ W Inorganic Liquid Hardener

Category : Ceramic

Material Notes:

Rigidizer™ and Rigidizer™ W, inorganic liquid hardeners, have a temperature grade rating of 1260°C (2300°F). They are generally used to increase the durability and surface erosion resistance of Fiberfrax blanket and board products. Rigidizer W hardener contains an organic wetting agent to promote saturation into the substrate, whereas Rigidizer hardener tends to remain on the material surface of the product form to which it is applied. Typical Applications Rigidizer for surface hardening of other Fiberfrax product forms Rigidizer W for saturating and rigidizing other fiberfrax product forms Erosion-resistant coating for surfaces subject to high-velocity hot gases

Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-Rigidizer-W-Inorganic-Liquid-Hardener.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0433 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	54.0 µm/m-°C	30.0 µin/in-°F	
Maximum Service Temperature, Air	1093 °C	1999 °F	Recommended Operating Temperature

Descriptive Properties	Value	Comments
Appearance	Blue liquid	
Approx. Coverage 1-Layer (SF/Gal)	50-100	
Temperature Grade (°F)	2300	
U.S. Coast Guard for "Incombustible Materials" Subpart 164.009	X	

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