

Unifrax Fiberfrax® Pumpable-GS Pumpable Insulation

Category : Ceramic

Material Notes:

Fiberfrax Pumpable-LDS, Pumpable-GS, and Topcoat 2600 Insulating Mix were designed for application into difficult-to-reach areas requiring insulation. Fiberfrax Pumpable-LDS and Pumpable-GS have temperature grade ratings of 1260°C (2300°F). Fiberfrax Topcoat 2600 Insulating Mix has a temperature grade rating of 1426°C (2600°F). A conventional air-operated extrusion pump permits application of these products directly from their container into furnace and boiler hot spots, refractory cracks, furnace door jambs, and other areas requiring high-temperature insulating and sealing. Typical Applications On-line boiler hot spot repairs Seal surface door jambs Seal furnace penetrations Seal around burner blocks Caulk refractory cracks On-line refractory hot spot repairs Turbine exhaust duct hot spot repairs

Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-Pumpable-GS-Pumpable-Insulation.php

Physical Properties	Metric	English	Comments
Density	0.400 g/cc	0.0145 lb/in ³	Dry
	1.12 g/cc	0.0405 lb/in ³	Wet
Solids Content	28 %	28 %	
Loss On Ignition	3.0 - 4.0 %	3.0 - 4.0 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00241 GPa	0.350 ksi	Dry

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1093 °C	1999 °F	Recommended Operating Temperature
Shrinkage	6.0 %	6.0 %	
	@Temperature 1090 °C, Time 86400 sec	@Temperature 1990 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Appearance	Smooth putty	
Molten Aluminum Wetting Resistance	Good	
Temperature Grade (°F)	2300	

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