

Unifrax Fiberfrax® Vari-Form™ A Casting Mix

Category : Ceramic , Potting/Casting Ceramic

Material Notes:

Fiberfrax FC-25 tamping mix and Vari-Form™ castable materials provide casting mixes which can be applied in small areas such as furnace access and site doors, tube sheets, and as a refractory backup. FC-25 tamping mix is a wet mix containing Fiberfrax fibers and inorganic binders. It is poured directly from the container and tamped into place. Dry density is 20-25 pounds/cubic foot. Vari-Form is a dry mix available in two density grades of 30-40 and 50-60 pounds/cubic foot. Water is added to the dry product at the job site and mixed thoroughly. It is then simply poured and troweled into the area to be insulated. The mix sets in about 18 hours and can then be heated to operating temperature. Typical Applications Backup insulation Ladle backup insulation Induction furnace insulation Furnace door insulation

Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-Vari-Form-A-Casting-Mix.php

Physical Properties	Metric	English	Comments
Density	0.481 - 0.641 g/cc	0.0174 - 0.0231 lb/in ³	Dry

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.000138 - 0.000345 GPa	0.0200 - 0.0500 ksi	Dry

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	982 °C	1800 °F	Recommended Operating Temperature
Shrinkage	1.6 % @Temperature 982 °C, Time 86400 sec	1.6 % @Temperature 1800 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Appearance	Dry gray fibers	
Temperature Grade (°F)	2200	

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