

Unifrax Fiberfrax® Duraback® Ceramic Fiber Insulator

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Fiberfrax Duraback blanket is a strong, lightweight, flexible needled blanket intended for use as a cost-effective back-up insulation in Fiberwall® furnace linings. It is recommended for use up to 982°C (1800°F). Duraback blanket can be installed up to four times faster than common block-type back-up insulation. Typical Applications Back-up for Fiberwall® lining systems Filler for insulating pads Expansion joint material Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-Duraback-Ceramic-Fiber-Insulator.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.73 g/cc	2.73 g/cc	
Density	0.0641 g/cc	0.00231 lb/in ³	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.13 J/g-°C @Temperature 1093 °C	0.270 BTU/lb-°F @Temperature 1999 °F	
Melting Point	1648 °C	2998 °F	
Maximum Service Temperature, Air	982 °C	1800 °F	Recommended Operating Temperature

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	31 - 35 %	31 - 35 %	
CaO	<= 7.5 %	<= 7.5 %	
Fe ₂ O ₃	1.3 %	1.3 %	
MgO	0.50 %	0.50 %	
SiO ₂	50 - 54 %	50 - 54 %	
TiO ₂	1.7 %	1.7 %	
ZrO ₂	5.0 %	5.0 %	

Descriptive Properties	Value	Comments
Average Fiber Diameter (microns)	2-4	
Color	White	

Fiber Diameter (microns) Descriptive Properties	2-4 Value	Comments
Temperature Grade (°C)	982	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China