

Unifrax Fiberfrax® 972-H Ceramic Fiber Paper

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

This product is completely free of organics and used when higher fired strength is required or in processes and applications where even small amounts of organic burnout is unacceptable. 972-H is heat treated during the manufacturing process to remove organic binders. As manufactured, 972-H paper remains soft and flexible allowing it to conform to most shapes or contours. Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-972-H-Ceramic-Fiber-Paper.php

Physical Properties	Metric	English	Comments
Density	0.192 g/cc	0.00694 lb/in ³	
Loss On Ignition	0.10 %	0.10 %	including binder

Thermal Properties	Metric	English	Comments
Melting Point	1793 °C	3259 °F	
Maximum Service Temperature, Air	1100 °C	2010 °F	Recommended Operating Temperature

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	47 - 52 %	47 - 52 %	
Fe ₂ O ₃	<= 0.50 %	<= 0.50 %	
SiO ₂	48 - 53 %	48 - 53 %	

Descriptive Properties	Value	Comments
Color	White	
Fiber Index (% Wt)	70	
Na ₂ O ₃ (%)	<0.5	
Temperature Grade (°C)	1260	

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