

Unifrax Fiberfrax® 882-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. 882-H has higher temperature stability and higher density than 972-H paper. The fiber geometry and product density lead to the maximum burn strength of an unbindered paper. Information Provided by Unifrax I LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-882-H-Ceramic-Fiber-Paper.php

Physical Properties	Metric	English	Comments
Density	0.256 g/cc	0.00926 lb/in ³	
Loss On Ignition	0.10 %	0.10 %	including binder

Thermal Properties	Metric	English	Comments
Melting Point	1927 °C	3501 °F	
Maximum Service Temperature, Air	1150 °C	2100 °F	Recommended Operating Temperature

Component Elements Properties	Metric	English	Comments
Al2O3	58 - 60 %	58 - 60 %	
Fe2O3	<= 0.10 %	<= 0.10 %	
SiO2	40 - 42 %	40 - 42 %	

Descriptive Properties	Value	Comments
Color	White	
Fiber Index (% Wt)	45	
Na2O3 (%)	<0.3	
Temperature Grade (°C)	1427	

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