Unifrax Fiberfrax® PH Blanket Ceramic Fiber Insulator

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Fiberfrax PH blanket is a unique product that has been specifically designed to provide excellent filtration capabilities in addition to the high chemical stability and low thermal conductivity that is possessed by all Fiberfrax products.PH blanket is made from Fiberfrax bulk ceramic fibers in a unique wet felting process which removes unfiberized particles. In addition to the strength and resiliency afforded by the interlocking of fibers during the manufacturing process, handling strength is further enhanced by the addition of a small amount of organic binder.A typical filtration application would involve utilizing PH blanket as a platinum catalyst recovery filter in nitric acid production. In this application, PH blanket offers numerous advantages over glass woll products including longer life, 50-60% improved filter efficiency, reduced chance of blowouts, and better temperature resistance.Typical ApplicationsCatalyst recovery filter in nitric acid productionDiffusion medium for fluidized bedsFiltration and catalyst carrier medium for radioactive particles and hot exhaust gasesInformation Provided by Unifrax I LLC

Order this product through the following link:
http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-PH-Blanket-Ceramic-Fiber-Insulator.php

Physical Properties	Metric	English	Comments
Density	0.0961 g/cc	0.00347 lb/in³	

Thermal Properties	Metric	English	Comments
Melting Point	1790 °C	3250 °F	
Maximum Service Temperature, Air	1177 °C	2151 °F	Recommended Operating Temperature

Component Elements Properties	Metric	English	Comments
Al2O3	43 - 47 %	43 - 47 %	
SiO2	53 - 55 %	53 - 55 %	

Descriptive Properties	Value	Comments
Binder Content (%)	3-5	
Color	Tan	
Fiber Diameter (microns)	4-8	
Leachable Chlorides (ppm)	<10	
Na2O3 (%)	<0.5	
Temperature Grade (°C)	1260	

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