

## Unifrax Fiberfrax® HSA (OF) Ceramic Fiber Paper

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

### Material Notes:

HSA paper is made from high surface area (HSA) fibers that contain a low percentage of unfiberized material. Use of this fiber results in a paper with lighter weight and extremely low thermal conductivity, making it the choice of the aerospace industry. It is also used when uniform pore structure and a low content of unfiberized material are required in applications such as glass contact or gas filtration. The HSA "OF" designation signifies materials made without the use of organic binders. Information Provided by Unifrax I LLC

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unifrax-Fiberfrax-HSA-OF-Ceramic-Fiber-Paper.php](http://www.lookpolymers.com/polymer_Unifrax-Fiberfrax-HSA-OF-Ceramic-Fiber-Paper.php)

Physical Properties	Metric	English	Comments
Density	0.112 g/cc	0.00405 lb/in <sup>3</sup>	
Loss On Ignition	0.10 %	0.10 %	including binder

Thermal Properties	Metric	English	Comments
Melting Point	1704 °C	3099 °F	
Maximum Service Temperature, Air	1100 °C	2010 °F	Recommended Operating Temperature

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	47 - 52 %	47 - 52 %	
Fe <sub>2</sub> O <sub>3</sub>	<= 0.050 %	<= 0.050 %	
SiO <sub>2</sub>	47 - 52 %	47 - 52 %	

Descriptive Properties	Value	Comments
Color	White	
Fiber Index (% Wt)	100	
Na <sub>2</sub> O <sub>3</sub> (%)	<0.5	
Temperature Grade (°C)	1260	

## Contact Songhan Plastic Technology Co.,Ltd.

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