

## Unifrax CC-Max® 4 HP Substrate Support Mat

Category : Ceramic

**Material Notes:**

CC-Max 4 HP mat is produced when the proprietary fiber is converted into a flexible felt-like product. The material is thermally stable and engineered to maintain a controlled holding force on the substrate across a wide temperature range from ambient to 1250°C (inlet gas temperature). CC-Max 4 HP may also be used in applications which challenge the temperature limits of traditional vermiculite-based mat systems, such as diesel oxidation catalyst and particulate filters. In many applications, exhaust gas temperatures may not be high enough to activate the vermiculite and provide sufficient holding force for the substrate. The spring-like fiber matrix of CC-Max 4 HP provides constant pressure on the substrate at temperatures well below the expansion point of vermiculite systems. Similarly, as a result of the product's unique properties, CC-Max 4 HP maintains its resiliency and substrate support at elevated temperatures when intumescent systems begin to lose function. Information Provided by Unifrax I LLC

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unifrax-CC-Max-4-HP-Substrate-Support-Mat.php](http://www.lookpolymers.com/polymer_Unifrax-CC-Max-4-HP-Substrate-Support-Mat.php)

Physical Properties	Metric	English	Comments
Loss On Ignition	>= 6.5 %	>= 6.5 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 0.100 MPa	>= 14.5 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.130 W/m-K @Temperature 650 °C	0.902 BTU-in/hr-ft <sup>2</sup> -°F @Temperature 1200 °F	ASTM-C177

Descriptive Properties	Value	Comments
Binder System (%)	4-8	
Fiberfrax® Fibers (%)	92-96	

## 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