

Pyrotek Pyrocast L-40 Insulating Refractory

Category : Ceramic

Material Notes:

Pyrocast L-40 is a fiber free refractory moldable designed for use in contact with molten aluminum. L-40 has excellent workability for use as an insulating lining or patching material. Recommended Curing: Heat to 120 - 175°C for several hours with a majority of surface uncovered. Applications Trough and basin linings Patching for refractory linings Advantages Non-ceramic fiber moldable Non-wetting Good adhesion qualities Not adversely effected by freezing/thawing Low thermal conductivity Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-Pyrocast-L-40-Insulating-Refractory.php

Physical Properties	Metric	English	Comments
Density	0.529 - 0.560 g/cc	0.0191 - 0.0202 lb/in ³	Dried

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.100 W/m-K	0.694 BTU-in/hr-ft ² -°F	
	@Temperature 260 °C	@Temperature 500 °F	
	0.160 W/m-K	1.11 BTU-in/hr-ft ² -°F	
	@Temperature 540 °C	@Temperature 1000 °F	
	0.200 W/m-K	1.39 BTU-in/hr-ft ² -°F	
	@Temperature 760 °C	@Temperature 1400 °F	
Maximum Service Temperature, Air	1095 °C	2003 °F	
Shrinkage	0.800 %	0.800 %	Linear
	@Temperature 110 °C	@Temperature 230 °F	
	2.30 %	2.30 %	Linear
	@Temperature 815 °C	@Temperature 1500 °F	
	2.60 %	2.60 %	Linear
	@Temperature 1095 °C	@Temperature 2003 °F	

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