

Pyrotek Pyrocast ZE Refractory Shapes

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Aggregate Base: MulliteApplicationsDoor lintel Breech plug Crucible bottoms Furnace rake Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-Pyrocast-ZE-Refractory-Shapes.php

Physical Properties	Metric	English	Comments
Density	2.77 g/cc	0.100 lb/in ³	

Mechanical Properties	Metric	English	Comments
Compressive Strength	62.05 - 89.63 MPa	9000 - 13000 psi	after 816°C
Abrasion	5.0 - 9.0	5.0 - 9.0	Resistance (CC Loss) ASTM C704

Thermal Properties	Metric	English	Comments
CTE, linear	6.48 $\mu\text{m}/\text{m}\cdot\text{°C}$	3.60 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	1.84 W/m-K	12.8 BTU-in/hr-ft ² -°F	
	@Temperature 538 °C	@Temperature 1000 °F	
Maximum Service Temperature, Air	1704 °C	3099 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	53.3 %	53.3 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China