

Pyrotek Pyrocast ZR Refractory Shapes

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

Aggregate Base: Fused Silica / MulliteApplicationsTransfer troughs Information provided by Pyrotek.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	2.34 g/cc	0.0845 lb/in ³	

Mechanical Properties	Metric	English	Comments
Compressive Strength	68.95 - 96.53 MPa	10000 - 14000 psi	after 816°C
Abrasion	14 - 18	14 - 18	Resistance (CC Loss) ASTM C704

Thermal Properties	Metric	English	Comments
CTE, linear	3.24 µm/m-°C	1.80 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.865 W/m-K	6.00 BTU-in/hr-ft ² -°F	
	@Temperature 538 °C	@Temperature 1000 °F	
Maximum Service Temperature, Air	1093 °C	1999 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	29.5 %	29.5 %	

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