

## Pyrotek Pyrocast ZA Refractory Shapes

Category : Ceramic , Carbide , Oxide

**Material Notes:**

Aggregate Base: Mullite / SiC Applications Wear Pads TCPT's Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-Pyrocast-ZA-Refractory-Shapes.php](http://www.lookpolymers.com/polymer_Pyrotek-Pyrocast-ZA-Refractory-Shapes.php)

Physical Properties	Metric	English	Comments
Density	2.71 g/cc	0.0979 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Compressive Strength	68.95 - 96.53 MPa	10000 - 14000 psi	after 816°C
Abrasion	4.0 - 8.0	4.0 - 8.0	Resistance (CC Loss) ASTM C704

Thermal Properties	Metric	English	Comments
CTE, linear	8.64 $\mu\text{m}/\text{m}\cdot\text{°C}$	4.80 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.591 W/m-K	4.10 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 538 °C	@Temperature 1000 °F	
Maximum Service Temperature, Air	1704 °C	3099 °F	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	24 %	24 %	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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