

## Sharadaa Ceramics ZAP 007 Smart Cast Application

Category : Ceramic

**Material Notes:**

Special Properties: Hot abrasion, Wear resistance Industry: Steel Application: False Chute, Tundish Backup Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sharadaa-Ceramics-ZAP-007-Smart-Cast-Application.php](http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-ZAP-007-Smart-Cast-Application.php)

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.75 g/cc	>= 0.0994 lb/in <sup>3</sup>	After Drying at 110 <sup>o</sup> C
Grain Size	<= 10000 $\mu$ m	<= 10000 $\mu$ m	

Mechanical Properties	Metric	English	Comments
Compressive Strength	98.1 MPa	14200 psi	Cold Crushing
	@Temperature 110 <sup>o</sup> C	@Temperature 230 <sup>o</sup> F	
	118 MPa	17100 psi	Cold Crushing
	@Temperature 1100 <sup>o</sup> C	@Temperature 2010 <sup>o</sup> F	
	127 MPa	18500 psi	Cold Crushing
	@Temperature 1500 <sup>o</sup> C	@Temperature 2730 <sup>o</sup> F	
	39.2 MPa	5690 psi	Cold Crushing
	@Time 86400 sec	@Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1700 <sup>o</sup> C	3090 <sup>o</sup> F	

Descriptive Properties	Value	Comments
Refractoriness	>1820 <sup>o</sup> C	
Thermal Expansion	0.65	Reversible
Water Required to Mix	10-12%	

## Contact Songhan Plastic Technology Co.,Ltd.

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