

## Sharadaa Ceramics REFINSUL 7 Insulating Castables Medium/High Purity

Category : Ceramic

### Material Notes:

Description: We offer our clients Insulating Castables that are available in medium as well as high purity. Widely used in various industries, these are renowned for their strength and heat resistance property. Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sharadaa-Ceramics-REFINSUL-7-Insulating-Castables-MediumHigh-Purity.php](http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-REFINSUL-7-Insulating-Castables-MediumHigh-Purity.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.850 g/cc	0.0307 lb/in <sup>3</sup>	Dried at 110 <sup>o</sup> C
Grain Size	<= 6000 $\mu$ m	<= 6000 $\mu$ m	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00392 GPa	0.569 ksi	
	@Temperature 1100 <sup>o</sup> C	@Temperature 2010 <sup>o</sup> F	
	0.00785 GPa	1.14 ksi	
	@Temperature 110 <sup>o</sup> C	@Temperature 230 <sup>o</sup> F	
Compressive Strength	0.00981 GPa	1.42 ksi	
	@Temperature 1500 <sup>o</sup> C	@Temperature 2730 <sup>o</sup> F	
	0.392 MPa	56.9 psi	Cold Crushing
	@Temperature 800 <sup>o</sup> C	@Temperature 1470 <sup>o</sup> F	
Compressive Strength	0.588 MPa	85.3 psi	Cold Crushing
	@Temperature 1100 <sup>o</sup> C	@Temperature 2010 <sup>o</sup> F	
	1.18 MPa	171 psi	Cold Crushing
	@Temperature 110 <sup>o</sup> C	@Temperature 230 <sup>o</sup> F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.163 W/m-K	1.13 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	
	1.22 W/m-K	8.47 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	
	1.28 W/m-K	8.88 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	

Thermal Properties	Metric	English	Comments
	1.34 W/m·K	5.9 BTU-in/hr-ft <sup>2</sup> -A°F	

Component Elements Properties	Metric	English	Comments
Fe2O3	8.5 %	8.5 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	<-0.08%	800Â°C
	<-0.15%	1100Â°C
	<-0.9%	1500Â°C
	-1.6 - 1.6%	1100Â°C
Refractoriness	<1750Â°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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