

## Sharadaa Ceramics REFINSUL 8S 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-8S-Insulating-Castables-MediumHigh-Purity.php](http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-REFINSUL-8S-Insulating-Castables-MediumHigh-Purity.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.900 g/cc	0.0325 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	0.00735 GPa	1.07 ksi	
	@Temperature 1100 <sup>o</sup> C	@Temperature 2010 <sup>o</sup> F	
	0.0118 GPa	1.71 ksi	
	@Temperature 110 <sup>o</sup> C	@Temperature 230 <sup>o</sup> F	
Compressive Strength	0.0127 GPa	1.84 ksi	
	@Temperature 1500 <sup>o</sup> C	@Temperature 2730 <sup>o</sup> F	
	1.96 MPa	284 psi	Cold Crushing
	@Temperature 1100 <sup>o</sup> C	@Temperature 2010 <sup>o</sup> F	
	1.96 MPa	284 psi	Cold Crushing
	@Temperature 800 <sup>o</sup> C	@Temperature 1470 <sup>o</sup> F	
	2.45 MPa	356 psi	Cold Crushing
	@Temperature 110 <sup>o</sup> C	@Temperature 230 <sup>o</sup> F	
	2.94 MPa	427 psi	Cold Crushing
	@Temperature 1300 <sup>o</sup> C	@Temperature 2370 <sup>o</sup> F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.232 W/m-K	1.61 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	

Thermal Properties	Metric	English	Comments
	1.34 W/m-K	9.30 BTU-in/hr-ft <sup>2</sup> - °F	
	1.39 W/m-K	9.65 BTU-in/hr-ft <sup>2</sup> - °F	

Component Elements Properties	Metric	English	Comments
Fe2O3	1.0 %	1.0 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	<-0.05%	800°C
	<-0.12%	1100°C
	<-0.6%	1500°C
	-1.0 - 1.0%	1300°C
Refractoriness	<1750°C	

## 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