

Sharadaa Ceramics REFINSUL 13 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-13-Insulating-Castables-MediumHigh-Purity.php

Physical Properties	Metric	English	Comments
Bulk Density	1.45 g/cc	0.0524 lb/in ³	Dried at 110 ^o C
Grain Size	<= 6000 μ m	<= 6000 μ m	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00588 GPa	0.853 ksi	
	@Temperature 1100 ^o C	@Temperature 2010 ^o F	
	0.0103 GPa	1.49 ksi	
	@Temperature 110 ^o C	@Temperature 230 ^o F	
Compressive Strength	0.0113 GPa	1.64 ksi	
	@Temperature 1500 ^o C	@Temperature 2730 ^o F	
	2.94 MPa	427 psi	Cold Crushing
	@Temperature 1100 ^o C	@Temperature 2010 ^o F	
	2.94 MPa	427 psi	Cold Crushing
	@Temperature 800 ^o C	@Temperature 1470 ^o F	
	4.90 MPa	711 psi	Cold Crushing
	@Temperature 110 ^o C	@Temperature 230 ^o F	
	4.90 MPa	711 psi	Cold Crushing
	@Temperature 1300 ^o C	@Temperature 2370 ^o F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.372 W/m-K	2.58 BTU-in/hr-ft ² - ^o F	

Thermal Properties	Metric	English	Comments
	1.39 W/m-K	9.65 BTU-in/hr-ft ² - °F	
	1.51 W/m-K	10.5 BTU-in/hr-ft ² - °F	

Component Elements Properties	Metric	English	Comments
Fe2O3	3.5 %	3.5 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	<-0.12%	1100°C
	<-0.6%	1500°C
	<-0.6%	800°C
	-0.7 - 0.7%	1300°C
Refractoriness	<1750°C	

Contact Songhan Plastic Technology Co.,Ltd.

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