

Sharadaa Ceramics REFINSUL 4 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-4-Insulating-Castables-MediumHigh-Purity.php

Physical Properties	Metric	English	Comments
Bulk Density	0.500 g/cc	0.0181 lb/in ³	Dried at 110 ^o C
Grain Size	<= 6000 Åµm	<= 6000 Åµm	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00441 GPa	0.640 ksi	
	@Temperature 1100 ^o C	@Temperature 2010 ^o F	
	0.00931 GPa	1.35 ksi	
	@Temperature 110 ^o C	@Temperature 230 ^o F	
	0.0108 GPa	1.57 ksi	
	@Temperature 1500 ^o C	@Temperature 2730 ^o F	
Compressive Strength	0.0981 MPa	14.2 psi	Cold Crushing
	@Temperature 1000 ^o C	@Temperature 1830 ^o F	
	0.196 MPa	28.4 psi	Cold Crushing
	@Temperature 110 ^o C	@Temperature 230 ^o F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.105 W/m-K	0.729 BTU-in/hr-ft ² - ^o F	
	1.28 W/m-K	8.88 BTU-in/hr-ft ² - ^o F	
	1.37 W/m-K	9.51 BTU-in/hr-ft ² - ^o F	
	1.45 W/m-K	10.1 BTU-in/hr-ft ² - ^o F	

Component Elements Properties	Metric	English	Comments
Fe2O3	11 %	11 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	<-0.06%	800Â°C
	<-0.08%	1500Â°C
	<-0.12%	1100Â°C
	-0.8 - 0.8%	1000Â°C
Refractoriness	<1800Â°C	

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