

Sharadaa Ceramics REFINSUL 11LI 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-11LI-Insulating-Castables-MediumHigh-Purity.php

Physical Properties	Metric	English	Comments
Bulk Density	1.25 g/cc	0.0452 lb/in ³	Dried at 110 ^o C
Grain Size	<= 6000 μ m	<= 6000 μ m	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00294 GPa	0.426 ksi	
	@Temperature 1100 \AA ^o C	@Temperature 2010 \AA ^o F	
	0.00637 GPa	0.924 ksi	
	@Temperature 110 \AA ^o C	@Temperature 230 \AA ^o F	
	0.00834 GPa	1.21 ksi	
	@Temperature 1500 \AA ^o C	@Temperature 2730 \AA ^o F	
Compressive Strength	2.94 MPa	427 psi	Cold Crushing
	@Temperature 1100 \AA ^o C	@Temperature 2010 \AA ^o F	
	2.94 MPa	427 psi	Cold Crushing
	@Temperature 800 \AA ^o C	@Temperature 1470 \AA ^o F	
	4.41 MPa	640 psi	Cold Crushing
	@Temperature 110 \AA ^o C	@Temperature 230 \AA ^o F	
	4.90 MPa	711 psi	Cold Crushing
	@Temperature 1300 \AA ^o C	@Temperature 2370 \AA ^o F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.395 W/m-K	2.74 BTU-in/hr-ft ² - \AA ^o F	

Thermal Properties	Metric	English	Comments
	0.872 W/m-K	6.05 BTU-in/hr-ft ² - °F	
	0.930 W/m-K	6.45 BTU-in/hr-ft ² - °F	

Component Elements Properties	Metric	English	Comments
Fe2O3	1.5 %	1.5 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	<-0.06%	800°C
	<-0.12%	1100°C
	<-0.85%	1500°C
	-1.0 - 1.0%	1300°C
Refractoriness	<1650°C	

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