

Sharadaa Ceramics Sharada LTM 0.6 Insulating Castable

Category : Ceramic

Material Notes:

Low Density/ High Strength Insulating Castable-Low Thermal Mass Lining Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-Sharada-LTM-06-Insulating-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	0.600 g/cc	0.0217 lb/in ³	
	@Temperature 200 Â°C	@Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Compressive Strength	0.588 MPa	85.3 psi	Cold Crushing
	@Temperature 800 Â°C	@Temperature 1470 Â°F	
	1.47 MPa	213 psi	Cold Crushing
	@Temperature 1300 Â°C	@Temperature 2370 Â°F	
	1.77 MPa	256 psi	Cold Crushing
	@Temperature 200 Â°C	@Temperature 392 Â°F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.163 W/m-K	1.13 BTU-in/hr-ftÂ ² - Â°F	
	@Temperature 500 Â°C	@Temperature 932 Â°F	
Maximum Service Temperature, Air	1300 Â°C	2370 Â°F	

Component Elements Properties	Metric	English	Comments
Al2O3	30 %	30 %	
Fe2O3	1.5 %	1.5 %	

Processing Properties	Metric	English	Comments
Moisture Content	60 - 70 %	60 - 70 %	Recommended

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