

Sharadaa Ceramics Sharada LTM 1.4 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-14-Insulating-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	1.40 g/cc	0.0506 lb/in ³	
	@Temperature 200 Â°C	@Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Compressive Strength	7.85 MPa	1140 psi	Cold Crushing
	@Temperature 800 Â°C	@Temperature 1470 Â°F	
	9.81 MPa	1420 psi	Cold Crushing
	@Temperature 1350 Â°C	@Temperature 2460 Â°F	
	14.7 MPa	2130 psi	Cold Crushing
	@Temperature 200 Â°C	@Temperature 392 Â°F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.465 W/m-K	3.23 BTU-in/hr-ftÂ ² -Â°F	
	@Temperature 500 Â°C	@Temperature 932 Â°F	
Maximum Service Temperature, Air	1350 Â°C	2460 Â°F	

Component Elements Properties	Metric	English	Comments
Al2O3	45 %	45 %	
Fe2O3	1.0 %	1.0 %	

Processing Properties	Metric	English	Comments
Moisture Content	25 - 30 %	25 - 30 %	Recommended

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