

## Sharadaa Ceramics Sharada LTM 1.5 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-15-Insulating-Castable.php](http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-Sharada-LTM-15-Insulating-Castable.php)

Physical Properties	Metric	English	Comments
Bulk Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	
	@Temperature 200 Â°C	@Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Compressive Strength	10.8 MPa	1560 psi	Cold Crushing
	@Temperature 800 Â°C	@Temperature 1470 Â°F	
	12.7 MPa	1850 psi	Cold Crushing
	@Temperature 1400 Â°C	@Temperature 2550 Â°F	
	19.6 MPa	2840 psi	Cold Crushing
	@Temperature 200 Â°C	@Temperature 392 Â°F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.488 W/m-K	3.39 BTU-in/hr-ft <sup>2</sup> -Â°F	
	@Temperature 500 Â°C	@Temperature 932 Â°F	
Maximum Service Temperature, Air	1400 Â°C	2550 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

**Contact Songhan Plastic Technology Co.,Ltd.**

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