

## Sharadaa Ceramics Sharada LTM 0.9 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-09-Insulating-Castable.php](http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-Sharada-LTM-09-Insulating-Castable.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	
	@Temperature 200 °C	@Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Compressive Strength	2.94 MPa	427 psi	Cold Crushing
	@Temperature 800 °C	@Temperature 1470 °F	
	3.43 MPa	498 psi	Cold Crushing
	@Temperature 200 °C	@Temperature 392 °F	
	3.92 MPa	569 psi	Cold Crushing
	@Temperature 1300 °C	@Temperature 2370 °F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.232 W/m-K	1.61 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 500 °C	@Temperature 932 °F	
Maximum Service Temperature, Air	1300 °C	2370 °F	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	40 %	40 %	
Fe <sub>2</sub> O <sub>3</sub>	1.0 %	1.0 %	

Processing Properties	Metric	English	Comments
Moisture Content	40 - 45 %	40 - 45 %	Recommended

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

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