

## Sharadaa Ceramics REFCAST SPECIAL Dense Castables

Category : Ceramic

**Material Notes:**

Description: We offer a range of Dense Castables that are conventional castable and extensively used in boiler work, general furnace and burner blocks. Made as per international standards, our range is known for its high strength, low thermal conductivity and requires less maintenance. Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sharadaa-Ceramics-REFCAST-SPECIAL-Dense-Castables.php](http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-REFCAST-SPECIAL-Dense-Castables.php)

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.10 g/cc	>= 0.0759 lb/in <sup>3</sup>	Sample, cast, cured, dried at 110 <sup>o</sup> C
Grain Size	<= 5000 $\mu$ m	<= 5000 $\mu$ m	

Mechanical Properties	Metric	English	Comments
Compressive Strength	24.5 MPa	3560 psi	Cold Crushing
	@Temperature 1100 $\text{^{\circ}}$ C	@Temperature 2010 $\text{^{\circ}}$ F	
	49.0 MPa	7110 psi	Cold Crushing
	@Temperature 110 $\text{^{\circ}}$ C	@Temperature 230 $\text{^{\circ}}$ F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1350 $\text{^{\circ}}$ C	2460 $\text{^{\circ}}$ F	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	>= 45 %	>= 45 %	
Fe <sub>2</sub> O <sub>3</sub>	<= 4.0 %	<= 4.0 %	

Processing Properties	Metric	English	Comments
Moisture Content	10 - 12 %	10 - 12 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	-1.0 - 1.0%	

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