

Sharadaa Ceramics REFCAST SUPER Dense Castables

Category : Ceramic , Oxide , Aluminum Oxide

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-SUPER-Dense-Castables.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.50 g/cc	>= 0.0903 lb/in ³	Sample, cast, cured, dried at 110 ^o C
Grain Size	<= 5000 μ m	<= 5000 μ m	

Mechanical Properties	Metric	English	Comments
Compressive Strength	29.4 MPa	4270 psi	Cold Crushing
	@Temperature 1100 $\text{^{\circ}C}$	@Temperature 2010 $\text{^{\circ}F}$	
	44.1 MPa	6400 psi	Cold Crushing
	@Temperature 110 $\text{^{\circ}C}$	@Temperature 230 $\text{^{\circ}F}$	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1450 $\text{^{\circ}C}$	2640 $\text{^{\circ}F}$	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	>= 70 %	>= 70 %	
Fe ₂ O ₃	<= 4.0 %	<= 4.0 %	

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

Descriptive Properties	Value	Comments
Permanent Linear Change	-1.5 - 1.15%	

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