

Sharadaa Ceramics THERMO PATCH 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-THERMO-PATCH-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	39.2 MPa	5690 psi	Cold Crushing
	@Temperature 110 ^o C	@Temperature 230 ^o F	
	58.8 MPa	8530 psi	Cold Crushing
	@Temperature 110 ^o C	@Temperature 230 ^o F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1400 ^o C	2550 ^o F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	>= 60 %	>= 60 %	
Fe ₂ O ₃	<= 2.0 %	<= 2.0 %	

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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