

Sharadaa Ceramics ZAP 012 Smart Cast Application

Category : Ceramic

Material Notes:

Special Properties: Patching At Hot Conditions, Easy Installation
 Industry: All Industry
 Application: All type of Rotary Kilns, AL/CU Melting Furnaces, Rolling Mills, Forgoing Furnaces, Incinerators
 Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-ZAP-012-Smart-Cast-Application.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.80 g/cc	>= 0.101 lb/in ³	After Drying at 110 ^o C
Grain Size	<= 6000 μ m	<= 6000 μ m	

Mechanical Properties	Metric	English	Comments
Compressive Strength	29.4 MPa	4270 psi	Cold Crushing
	@Temperature 110 ^o C	@Temperature 230 ^o F	
	73.5 MPa	10700 psi	Cold Crushing
	@Temperature 1100 ^o C	@Temperature 2010 ^o F	
	88.3 MPa	12800 psi	Cold Crushing
	@Temperature 1500 ^o C	@Temperature 2730 ^o F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1700 ^o C	3090 ^o F	

Descriptive Properties	Value	Comments
Refractoriness	>1820 ^o C	
Thermal Expansion	0.9	@ 1000 ^o C, Reversible
Water Required to Mix	7-9%	

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