

Sharadaa Ceramics PHOSTCAST 90 XL Phosphate Bonded Castables

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: We hold expertise in manufacturing a range of Phosphate Bonded Castables, that find wide application in boilers, power plant, refineries, foundries, rolling mills, forging furnaces and others. Made from quality material, our range is high on compressive strength, abrasion resistance and is capable to withstand extreme temperature. Note: We shall supply in two components namely in powder form and liquid form. The two components are to be mixed in the recommended proportion in a sand mixer and rammed by pneumatic tools or Hand ramming. Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-PHOSTCAST-90-XL-Phosphate-Bonded-Castables.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.70 g/cc	>= 0.0975 lb/in ³	
Grain Size	<= 3000 Åµm	<= 3000 Åµm	

Mechanical Properties	Metric	English	Comments
Compressive Strength	>= 39.2 MPa	>= 5690 psi	Cold Crushing
	@Temperature 110 Å°C	@Temperature 230 Å°F	
	>= 68.6 MPa	>= 9960 psi	Cold Crushing
	@Temperature 1100 Å°C	@Temperature 2010 Å°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1750 Å°C	3180 Å°F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	>= 85 %	>= 85 %	
Fe ₂ O ₃	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	0.001	1100 Å°C
	0.003	1500 Å°C

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