

Sharadaa Ceramics PCF (SIC) Precast Prefired Brick

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

Features: Manufactured under controlled conditions under refractory engineers supervision; Measured Quantity/Temperature of water, mixing by Intensive counter current mixers, Forming by Vibro Casting techniques and Pre-fired up to 1450Å°. Elimination of Casting defects, cracks and voids. Evidencing the Guaranteed data sheet values in the final product. **Application Areas:** Steel: Well Blocks, Nozzles, EAF Roof, Launderers, Impact Pad, Darts Tundish Flow Control Devices, and Lances Reheat/Forging furnaces: Hearth Blocks, Burner Blocks Ferrous/Non-Ferrous: Launderers, Ladles, Doors, Impact Resistant Blocks Petro Chemical: Re-generator Tiles, Mullite Burner Blocks Furnaces: Liner Tiles enabling longer life of Refractories. Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-PCF-SIC-Precast-Prefired-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.50 g/cc	0.0903 lb/in ³	After Drying at 110Å°C
Porosity	12 %	12 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	88.3 MPa	12800 psi	Cold Crushing

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1500 Å°C	2730 Å°F	

Component Elements Properties	Metric	English	Comments
Fe ₂ O ₃	<= 1.0 %	<= 1.0 %	
SiO ₂	>= 80 %	>= 80 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	-0.5 - 0.5%	1450Å°C

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