

Sharadaa Ceramics PCF80 Precast Prefired Brick

Category : Ceramic , Oxide , Aluminum 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-PCF80-Precast-Prefired-Brick.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|--------------------------|------------------------|
| Bulk Density | 2.80 g/cc | 0.101 lb/in ³ | After Drying at 110Å°C |
| Porosity | 15 % | 15 % | |

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

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 1600 Å°C | 2910 Å°F | |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|----------|----------|----------|
| Al ₂ O ₃ | >= 80 % | >= 80 % | |
| Fe ₂ O ₃ | <= 1.8 % | <= 1.8 % | |

| Descriptive Properties | Value | Comments |
|-------------------------|-------------|----------|
| Permanent Linear Change | -1.0 - 1.0% | 1550Å°C |

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