

Sharadaa Ceramics HA 80SD High Alumina Brick

Category: Ceramic, Oxide, Aluminum Oxide

Material Notes:

Services Offered: Retrofitting of Furnace, Installation of Castables/Bricks/Ceramic Fiber Modules, Castable Laying by

Vibrocasting/Guiniting, Turnkey Installation Boiler/Chimney/Heater/Reformer/Rotary Kiln, Heat Curing and Acid Proof Lining Industry

Focuses: Steel, Sponge, Rolling Mills, Coke Oven, Ferrous Foundries, Non-Ferrous, Cement, Petro Chemical, Mineral Processing, Sugar /

Paper Mills and Chemical PlantsInformation provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-HA-80SD-High-Alumina-Brick.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|--------------|----------|
| Bulk Density | 2.80 g/cc | 0.101 lb/in³ | |
| Porosity | 16 - 18 % | 16 - 18 % | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|----------|---------------|
| Compressive Strength | 58.8 MPa | 8530 psi | Cold Crushing |

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

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------------|--------------|----------|
| Al203 | 80 % | 80 % | |
| Fe203 | 0.50 - 1.0 % | 0.50 - 1.0 % | |

| Descriptive Properties | Value | Comments |
|-------------------------|-------------|----------|
| PCE Orton | 38 | |
| Permanent Linear Change | -0.2 - 0.2% | 1600°C |

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