

Sharadaa Ceramics HH 45 Normal Medium and High Heat and Super Duty Brick

Category : Ceramic

Material Notes:

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

Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-HH-45-Normal-Medium-and-High-Heat-and-Super-Duty-Brick.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Bulk Density | 2.30 g/cc | 0.0831 lb/in ³ | |
| Porosity | 22 - 24 % | 22 - 24 % | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------------|-----------------|---------------|
| Compressive Strength | 29.4 - 39.2 MPa | 4270 - 5690 psi | Cold Crushing |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 1450 Â°C | 2640 Â°F | |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|--------|---------|----------|
| Al ₂ O ₃ | 45 % | 45 % | |
| Fe ₂ O ₃ | 1.5 % | 1.5 % | |

| Descriptive Properties | Value | Comments |
|-------------------------|-------------|----------|
| PCE Orton | 33-34 | |
| Permanent Linear Change | -0.5 - 0.5% | 1450Â°C |

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