

Dense Castables



Hi-performance products from

Sharadaa Ceramics Pvt. Ltd.

| PARTICULARS | REFCAST LT | REFCAST NORMAL | REFCAST SUPER | REFCAST SPECIAL | THERMO PATCH |
|--|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Service Temp °C (Max) | 800 | 1300 | 1450 | 1350 | 1400°C |
| Refractoriness °C (Min) | 1350 | 1580 | 1680 | 1450 | 1600°C |
| Bulk Density (gm/cc) (Sample, cast, cured, dried at 110 °C) | 1.8 | 2.0 | 2.5 | 2.1 | 2.5 |
| Permanent Linear Change (%) (at Service Temp.) | ±1.0 | ±1.0 | ±1.5 | ±1.0 | ±1.0 |
| Cold Crushing Strength (Kgf/cm ²) | 110 °C 250 1100 °C 200 (at 800 °C) | 350 250 | 450 300 | 500 250 | 600 400 |
| Chemical Analysis (%) | Al ₂ O ₃ Fe ₂ O ₃ | 30.0 5.0 | 45.0 5.0 | 70.0 4.0 | 45.0 4.0 |
| Grain Size (mm) | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Application Guidelines | Mixer Placement Water/Mix Temperature °C Mixing Time (Min.): Dry/Wet | P R/V/T 20 ± 5 2/5 | P R/V/T 20 ± 5 2/5 | P R/V/T 20 ± 5 2/5 | P R/V/T 20 ± 5 2/5 |
| Water % (Typical) | 12-14 | 12-14 | 10-12 | 10-12 | 10-12 |

dense castables product data sheet

Note : 1. Above are average typical test data subject to reasonable variations.
 2. Tested as per **BIS 10570: 1983**.
 3. Type of Mixer VAM with 33RPM
 4. P: Preferred, R: Rodding, V-Vibration, T-Tamping