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Insulating Fire Brick BNZ 26-60

BNZ 26-60 meets all requirements of an ASTM C 155 class 26 IFB, with a higher alumina content than the standard 2600 insulating brick. This makes the BNZ 26-60 specially designed for areas where furnace atmospheres require the inertness of a higher alumina product.

Applications for the 26-60 include atmosphere furnaces used in heat treating, ceramic kilns, incinerators and cremation retorts.

| Typical Data | BNZ26-20 |
|---|------------------------|
| ASTM Classification | 26 |
| Temperature Use Limit | 2600°F |
| Density lbs/ft ³ ASTM C 134 | 50 |
| Modulus of Rupture ASTM C 133 | 190 lb/in ² |
| Cold Crushing Strength ASTM C 133 | 290 lb/in ² |
| Permanent Linear Change ASTM C 210 24 hrs at soaking temp | -0.2 @ 2550°F |
| Reversible Linear Thermal Expansion @ 2000°F | 0.6 |
| Hot Load Strength ASTM C 16 10 psi load for 1-1/2 hours | 0.1 @ 2200°F |
| Thermal Conductivity ASTM C 182 Btu-in/ft ² ,hr,°F | |
| 500°F | 1.8 |
| 1000°F | 2.0 |
| 1500°F | 2.1 |
| 2000°F | 2.3 |
| Chemical Analysis | |
| Al ₂ O ₃ | 60.4 |
| SiO ₂ | 36.1 |
| Fe ₂ O ₃ | 0.4 |
| TiO ₂ | 1.0 |
| CaO | 0.1 |
| MgO | 0.2 |
| Alkalies | 1.8 |

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