

GREENTHERM 26 LI (Formerly IFB 2600 LI)



Product Data

10/13: 0204

Description: 2600°F Insulating Firebrick

Applications: GREENTHERM 26 LI is suited for backup linings behind dense brick, combustion chambers, ceramic kilns, sulphur recovery unit backup linings, iron channel induction furnace backup linings, and forge furnace linings.

Chemical Analysis: Approximate (Calcined Basis)

Silica (SiO ₂)	48.6%
Alumina (Al ₂ O ₃)	50.6%
Iron Oxide (Fe ₂ O ₃)	0.9%
Titania (TiO ₂)	0.8%
Lime (CaO)	0.5%
Magnesia (MgO)	0.1%
Soda (Na ₂ O)	0.3%
Potash (K ₂ O)	1.0%

Physical Data (Typical)

Maximum Service Temperature	2600°F (1427°C)
Bulk Density	50 lb/ft ³ (0.80 g/cm ³)
Modulus of Rupture	200 lb/in. ² (1.4 MPa)
Cold Crushing Strength	370 lb/in. ² (2.6 MPa)
Thermal Conductivity	Btu·in/hr·ft ² ·°F (W/m·°C)
At 400°F (204°C)	1.39 (0.20)
At 750°F (399°C)	1.53 (0.22)
At 1100°F (593°C)	1.73 (0.25)

Note: The test data shown are based on average results on production samples and are subject to normal variation on individual tests. The test data cannot be taken as minimum or maximum values for specification purposes. ASTM test procedures used when applicable.