

H-W® CORUNDUM DM



Product Data

1/09: 1475

Description: High Alumina Brick – Dense Matrix

Chemical Analysis: Approximate (Calcined Basis)

Silica (SiO ₂)	0.2%
Alumina (Al ₂ O ₃)	99.6%
Iron Oxide (Fe ₂ O ₃)	0.1%
Titania (TiO ₂)	Trace
Lime (CaO)	Trace
Magnesia (MgO)	Trace
Alkalies (Na ₂ O + K ₂ O)	0.1%

Physical Data (Typical)

Bulk Density	199 lb/ft ³ (3.19 g/cm ³)
Modulus of Rupture	2,900 lb/in. ² (20.0 MPa)
Cold Crushing Strength	11,200 lb/in. ² (77.2 MPa)
Apparent Porosity	15.8%

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.