



Brick

Product Data

Rescomag HF

Magnesia-Alumina Spinel Brick

Physical Data: (Typical)

Bulk Density ASTM C20	185 lb/ft ³
Apparent Porosity (%) - ASTM C20	15.7
Modulus of Rupture -ASTM C133 at 70 °F	1,420 lb/in ²
Crushing Strength -ASTM C133 at 70 °F	7,660 lb/in ²

Chemical Analysis: (Typical) (Calcined Basis)

Magnesia	MgO	90.9
Alumina	Al ₂ O ₃	7.1
Silica	SiO ₂	0.7
Iron Oxide	Fe ₂ O ₃	0.1
Lime	CaO	1.2

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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