



PRODUCT DATA

Brand Name:

EXCELINE™ FG-95

Description: Composed of inert, chemically-resistant fused magnesia-chrome grain. Has low porosity, excellent high temperature strengths and superb corrosion resistance. Recommended for the most severe wear areas of AOD's, degassers, electric furnace slaglines and a variety of other applications requiring maximum corrosion and thermal shock resistance.

Physical properties shown are averages based on standard brick sizes.

ASTM test methods used where applicable

Bulk Density (pcf)

As Received 207 (3.32 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1540 (107.8 kg/cm²)
At 2700°F (1480°C) 1230 (86.1 kg/cm²)

Apparent Porosity (%)

As Received 13.1

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	61.0
Alumina (Al ₂ O ₃)	6.1
Silica (SiO ₂)	1.0
Iron Oxide (Fe ₂ O ₃)	10.0
Chromic Oxide (Cr ₂ O ₃)	20.9
Lime (CaO)	1.0

Brand Code: 1290

The properties shown on this data sheet represent typical average results 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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