



PRODUCT DATA

Brand Name: **GR-FG 100**
Description: FUSED GRAIN, MAGNESITE-CHROME BRICK

Physical properties shown are averages based on standard brick sizes.
ASTM test methods used where applicable

Bulk Density (pcf)

As Received 205 (3.28 g/cm³)

Cold Crushing Strength (psi)

At 70°F (21°C) 9850 (690 kg/cm²)

Modulus of Rupture (psi)

At 70°F (21°C) 870 (61 kg/cm²)

Apparent Porosity (%)

As Received 14.0

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	61.3
Chromic Oxide (Cr ₂ O ₃)	20.9
Silica (SiO ₂)	0.4
Alumina (Al ₂ O ₃)	5.1
Lime (CaO)	0.8
Iron Oxide (Fe ₂ O ₃)	11.5

Brand Code: 5359

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

07/14/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.