



PRODUCT DATA

Brand Name: **RG50-DOL**

Description: High purity sintered dolomite that is sized, blended with magnesite, a resin and carbon system, pressed and heated to remove volatiles and create good ambient temperature strength. RG50-DOL is a premium quality refractory for more aggressive wear areas in slag lines and impact pads of ladle furnaces.

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

Bulk Density (pcf)

As Received 178 (2.85 g/cm³)

Cold Crushing Strength (psi)

At 70°F (21°C) 3480 (244 kg/cm²)

Apparent Porosity (%)

As Received 7.0

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	65.0
Lime (CaO)	32.0
Alumina (Al ₂ O ₃)	1.0
Silica (SiO ₂)	1.0
Iron Oxide (Fe ₂ O ₃)	1.0
Retained Carbon	5.0

Packaging And Storing Pallets should be stored in a dry protected area. Vacuum sealed ALUVAC foil packaging is available upon request for optimum shelf life. Care should be taken not to damage outer packaging.

Brand Code: 5007

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.

06/27/19 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.

One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505