



PRODUCT DATA

Preliminary Data

Brand Name: **RG7-DOL**

Description: High purity sintered dolomite that is sized, blended with a resin and carbon system, pressed and heated to remove volatiles and create good ambient temperature strength. RG7-DOL has a higher residual carbon content that provides improved thermal shock and slag penetration resistance. RG7-DOL is used for steel ladle slag lines and barrels.

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

Bulk Density (pcf)

As Received 177 (2.84 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)	36.3
Lime (CaO)	54.5
Alumina (Al ₂ O ₃)	0.7
Silica (SiO ₂)	1.1
Iron Oxide (Fe ₂ O ₃)	1.2
Retained Carbon	6.2

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: 8617

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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