



PRODUCT DATA

Brand Name: RDG-DOL

Description: High purity sintered dolomite that is sized, blended with a resin system, pressed, and heated to remove volatiles and create good ambient temperature strength. RDG-DOL is paraffin dipped to resist hydration after pallet is opened. RDG-DOL is a denser, more slag resistant sidewall and bottom working lining material for use in transfer and casting ladles.

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

Bulk Density (pcf)

As Received 175 - 184 (2.80 - 2.95 g/cm³)

Cold Crushing Strength (psi)

At 70°F (21°C) 3600 (252 kg/cm²)

Apparent Porosity (%)

As Received 5 - 9

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	38.0
Lime (CaO)	59.0
Alumina (Al ₂ O ₃)	0.8
Silica (SiO ₂)	1.2
Iron Oxide (Fe ₂ O ₃)	1.3
Retained Carbon	2.6 - 3.2

Packaging And Storage

Standard full pallets are packaged in vacuum sealed ALUVAC foil for optimum shelf life. Care should be taken to prevent ALUVAC damage. Store pallets in a dry protected area.

Brand Code: 5012

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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