



## PRODUCT DATA

**Brand Name:** **KD65Z-DOL**

**Description:** High purity sintered dolomite that is sized, blended with magnesite, pressed into a brick shape, then fired in a high temperature tunnel kiln to create a strong ceramically bonded brick. KD65Z-DOL is a premium quality refractory for more aggressive wear areas in tuyere pads and slaglines of AOD's, VOD's and ladle furnaces.

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

**Bulk Density (pcf)**

As Received	179	(2.87 g/cm <sup>3</sup> )
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**Cold Crushing Strength (psi)**

At 70°F (21°C)	4200	(294 kg/cm <sup>2</sup> )
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**Apparent Porosity (%)**

As Received	13.0
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**Typical Chemical Analysis (%)**

(Calcined Basis)

Magnesia (MgO) .....	58.0
Lime (CaO) .....	38.0
Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	1.0
Silica (SiO <sub>2</sub> ) .....	1.2
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.3
Zirconia (ZrO <sub>2</sub> ) .....	1.0

**Packaging and Storage** 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: 5009

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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