



PRODUCT DATA

Brand Name:

DOL-MIX-R+

DOLOMITE RAMMING MIX

Description: Rotary kiln sintered dolomite grains that are sized and blended with a proprietary mix of non-aqueous organic binders. The organic system provides an intermediate bond until a strong ceramic bond is developed at service temperatures. DOL-MIX-R+ has an improved binder system and is primarily used as a high temperature ramming material in plug bottom design ladles and AOD's, and as a filling ram around well blocks and porous plugs.

Physical properties shown are average values of samples taken from typical production lots.

ASTM test methods used where applicable

Bulk Density (pcf)

As Installed

Rammed Data

170

(2.72 g/cm³)

Cold Crushing Strength (psi)

After 2000°F (1093°C)

1700

(119 kg/cm²)

After 2910°F (1600°C)

6500

(455 kg/cm²)

Permanent Linear Change (%)

After 2910°F (1600°C)

-1.5

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	34.0
Lime (CaO)	61.0
Iron Oxide (Fe ₂ O ₃)	1.2
Silica (SiO ₂)	1.2
Alumina (Al ₂ O ₃)	0.8

Standard Packaging:

Shipped in ready to use 55 lb., (25kg) boxes. Standard pallet contains 36 boxes with a total net weight of 1980 lbs., (900 kg). Store pallets in a dry and protected area.

Brand Code: 5037

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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