



PRODUCT DATA

Brand Name: **CONDOR MT-4i**
Description: RESIN BONDED, MAGNESIA-CARBON PRESSED SHAPES
Fused Grain and Antioxidant Additions

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Bulk Density (pcf)

As Received	182	(2.92 g/cm ³)
After Coking	181	(2.90 g/cm ³)

Cold Crushing Strength (psi)

At 70°F (21°C)	3200	(224 kg/cm ²)
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Coked Porosity (%)

After Coking	8.1
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Total Carbon (%)

After Coking	16.6
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Typical Chemical Analysis (%)

(Calcined Basis including Antioxidant Addition)

Magnesia (MgO)	90.1
Silica (SiO ₂)	1.2
Alumina (Al ₂ O ₃)	8.1
Lime (CaO)	0.4
Iron Oxide (Fe ₂ O ₃)	0.2

Brand Code: 6910

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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02/14/17 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.

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