



Vibratables

Product Data

Rescomag Castable MC Plus

Rescomag Castable MC Plus is a chrome magnesite castable.

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|---|--|--------------------------------|------------------|-----|--------------------------------|
| <u>Maximum Service Temperature:</u> | 3100°F (1700°C) | | | | |
| <u>Bulk Density:</u> | | | | | |
| 220°F (105°C) | 193 lb/ft ³ (3088 kg/m ³) | | | | |
| <u>Cold Crushing Strength:</u> | | | | | |
| 220°F (105°C) | 8,650 psi (604 kg/cm ²) | | | | |
| 2640°F (1450°C) | 4,100 psi (286 kg/cm ²) | | | | |
| <u>Cold Modulus of Rupture:</u> | | | | | |
| 2640°F (1450°C) | 675 psi (47 kg/cm ²) | | | | |
| <u>Porosity (%)</u> | | | | | |
| 220°F (105°C) | 10.6 | | | | |
| 2640°F (1450°C) | 18.1 | | | | |
| <u>Permanent Linear Change (%):</u> | | | | | |
| 2640°F (1450°C) | 0.3 to 0.4 | | | | |
| <u>Typical Chemical Analysis (%)</u> | | | | | |
| MgO | Al ₂ O ₃ | Fe ₂ O ₃ | SiO ₂ | CaO | Cr ₂ O ₃ |
| 54.2 | 13.5 | 7.7 | 5.6 | 1.0 | 18.0 |

The properties shown on this data sheet represent typical average results generated 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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02/05/08 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.