



PRODUCT DATA

Brand Name: CP-40

Description: Chrome Magnesite castable that can be cast or rammed

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

Typical Water Required for Mixing (by weight) :

Vibration Casting	4.0 - 5.0%
Ramming	2.5 - 3.5%

Vibration Cast

Bulk Density (pcf)

After 300°F (150°C)	180	(2.88 g/cm ³)
After 2640°F (1450°C)	177	(2.84 g/cm ³)

Cold Crushing Strength (psi)

After 2640°F (1450°C)	1660	(117 kg/cm ²)
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Permanent Linear Change (%)

After 2640°F (1450°C)	+0.8
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Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	62.0
Silica (SiO ₂)	3.3
Lime (CaO)	0.9
Iron Oxide (Fe ₂ O ₃)	10.6
Chromic Oxide (Cr ₂ O ₃)	17.0
Alumina (Al ₂ O ₃)	6.2

Standard Packaging: 55 lb. bag, 72 bags per pallet. Bulk packaging available

Brand Code: 0788

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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