

# PRODUCT DATA

**Brand Name:** CP-40 Castable

Preliminary Data

**Description:** Chrome Magnesite Castable that can be cast or rammed

**Typical Water Required for Mixing :**

For Vibration Casting ..... 4.0 to 5.0%  
For Ramming ..... 2.5 to 3.5%

Vibration Cast Samples

Bulk Density (lb/ft<sup>3</sup>)

After 300°F (150°C)	180	( 2883 kg/m <sup>3</sup> )
After 2640°F (1450°C)	177	( 2835 kg/m <sup>3</sup> )

Cold Crushing Strength (lb/in<sup>2</sup>)

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

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

MgO .....	62.0% (By Diff)
SiO <sub>2</sub> .....	3.3
Cr <sub>2</sub> O <sub>3</sub> .....	17.0
Fe <sub>2</sub> O <sub>3</sub> .....	10.6
CaO .....	0.9
Al <sub>2</sub> O <sub>3</sub> .....	6.2

**Standard Packaging:** 55 lb bag; 72 bags per pallet ; bulk packaging available

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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