



PRODUCT DATA

Brand Name: **MULCORITE COL 10**
Description: HIGH THERMAL SHOCK RESISTANT SLIP CAST REFRACTORY

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

Maximum Service Temperature: 2372°F (1300°C)

Bulk Density (pcf)

As Received 123 (1.98 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 5075 (355 kg/cm²)

Cold Crushing Strength (psi)

At 70°F (21°C) 5075 (355 kg/cm²)

Water Absorption (%)

As Received 15.3

Apparent Porosity (%)

As Received 30.3

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	25.5
Silica (SiO ₂)	58.7
Iron Oxide (Fe ₂ O ₃)	0.7
Titania (TiO ₂)	0.5
Magnesia (MgO)	0.0
Lime (CaO)	0.0
Zirconia (ZrO ₂)	14.0
Alkalis (Na ₂ O+K ₂ O)	0.6

Brand Code: 8580

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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