



PRODUCT DATA

Brand Name:

MULCORITE COL 20

HIGH THERMAL SHOCK RESISTANT, SLIP CAST REFRACTORY MATERIAL

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

Maximum Service Temperature: 2336°F (1280°C)

Bulk Density (pcf)

As Received 120 (1.92 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 2900 (203 kg/cm²)

Apparent Porosity (%)

As Received 25 - 30

Water Absorption (%)

As Received 13 - 16

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	45.93
Silica (SiO ₂)	46.10
Iron Oxide (Fe ₂ O ₃)	0.72
Magnesia (MgO)	5.90
Titania (TiO ₂)	0.60
Lime (CaO)	0.05
Alkalis (Na ₂ O+K ₂ O)	0.70

Brand Code: 8931

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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02/16/17 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.

One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505