



PRODUCT DATA

Brand Name:

MULCORITE EXT 33

Description:

EXTRUDED REFRACTORY MATERIAL WITH EXCELLENT THERMAL SHOCK RESISTANCE

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 125 (2.0 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 2615 (183 kg/cm²)

Apparent Porosity (%)

As Received 24 - 28

Water Absorption (%)

As Received 12 - 15

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	47.4
Silica (SiO ₂)	43.8
Iron Oxide (Fe ₂ O ₃)	0.8
Magnesia (MgO)	6.7
Titania (TiO ₂)	0.5
Lime (CaO)	0.1
Alkalis (Na ₂ O+K ₂ O)	0.8

Brand Code: 8933

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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