



PRODUCT DATA

Brand Name:

MULTERM 640-LFD

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

Maximum Service Temperature: 2730°F (1500°C)

Bulk Density (pcf)

As Received 137 - 143 (2.20 - 2.30 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1450 - 2175 (101.5 - 152.3 kg/cm²)

Cold Crushing Strength (psi)

At 70°F (21°C) 5800 - 10200 (406 - 714 kg/cm²)

Apparent Porosity (%)

As Received 24

Thermal Conductivity (K Factor)

Mean Temperature	BTU/ft ² /hr./°F/inch	W/mK
2200°F (1200°C)	9.70	1.40

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	60.0
Silica (SiO ₂)	31.0
Iron Oxide (Fe ₂ O ₃)	2.5
Titania (TiO ₂)	3.0
Phosphorous Pentoxide (P ₂ O ₅)	1.5
Alkalis (Na ₂ O+K ₂ O)	2.0

Brand Code: 2807

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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