



PRODUCT DATA

Brand Name: **UNIFORM 50M**
Description: UNIFORM 50M is a Low Cement 50% Alumina Precast Shape

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

Maximum Service Temperature: 3000°F (1649°C)

Cast Data

<u>Bulk Density (pcf)</u>		
After 1500°F (815°C)	146	(2.34 g/cm ³)
<u>Cold Crushing Strength (psi)</u>		
After 1500°F (815°C)	8000	(560 kg/cm ²)
<u>Modulus of Rupture (psi)</u>		
After 1500°F (815°C)	1650	(116 kg/cm ²)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	48.4
Silica (SiO ₂)	47.9
Iron Oxide (Fe ₂ O ₃)	0.6
Titania (TiO ₂)	1.4
Lime (CaO)	1.5
Alkalies (Na ₂ O+K ₂ O)	0.2

Brand Code: 4556

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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