



PRODUCT DATA

Brand Name: UNIFORM 60 FLOWZ

Description: UNIFORM 60 FLOWZ is a Precast Shape made with a self-flow, low cement castable

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)

Pre-Cast Data

Bulk Density (pcf)

After 300°F (150°C)	158	(2.53 g/cm ³)
After 2000°F (1095°C)	158	(2.53 g/cm ³)
After 2800°F (1538°C)	156	(2.50 g/cm ³)

Cold Crushing Strength (psi)

After 300°F (150°C)	8500	(595 kg/cm ²)
After 2000°F (1095°C)	15000	(1050 kg/cm ²)
After 2800°F (1538°C)	14500	(1015 kg/cm ²)

Modulus of Rupture (psi)

After 300°F (150°C)	2750	(193 kg/cm ²)
After 2000°F (1095°C)	4000	(280 kg/cm ²)
After 2800°F (1538°C)	4000	(280 kg/cm ²)

Permanent Linear Change (%)

After 2000°F (1095°C)	-0.5 to +0.5
After 2800°F (1538°C)	+1.0 to +1.5

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	60.0
Silica (SiO ₂)	35.8
Iron Oxide (Fe ₂ O ₃)	0.9
Titania (TiO ₂)	1.6
Lime (CaO)	1.3
Magnesia (MgO)	0.1
Alkalies (Na ₂ O+K ₂ O)	0.1

Brand Code: 3637

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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