



PRODUCT DATA

Brand Name: **UNIFORM 67 CLC**

Description: UNIFORM 67 CLC IS A PRECAST SHAPE UTILIZING A HIGH ALUMINA LOW CEMENT CASTABLE DESIGNED FOR MAXIMUM RESISTANCE TO THERMAL SHOCK AND ABRASION.

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	
<u>Bulk Density (pcf)</u>		
After 230°F (110°C)	160	(2.56 g/cm ³)
After 2000°F (1093°C)	158	(2.53 g/cm ³)
<u>Cold Crushing Strength (psi)</u>		
After 230°F (110°C)	12500	(875 kg/cm ²)
After 2000°F (1093°C)	19000	(1330 kg/cm ²)
<u>Modulus of Rupture (psi)</u>		
After 230°F (110°C)	1750	(123 kg/cm ²)
After 2000°F (1093°C)	2500	(175 kg/cm ²)
<u>Permanent Linear Change (%)</u>		
After 230°F (110°C)	0.0	
After 2000°F (1093°C)	-0.2	
<u>Typical Chemical Analysis (%)</u>		
(Calcined Basis)		
Alumina (Al ₂ O ₃)	67.1	
Silica (SiO ₂)	27.7	
Iron Oxide (Fe ₂ O ₃)	1.0	
Titania (TiO ₂)	2.1	
Lime (CaO)	1.5	
Magnesia (MgO)	0.1	
Alkalies (Na ₂ O+K ₂ O)	0.2	
Other	0.2	

Brand Code: 3248

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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