



PRODUCT DATA

Brand Name: **UNIFORM 97**

Description: UNIFORM 97 is a silica-free, low cement, high purity alumina cast shape. This cast shape can be used in high temperature applications and where a silica-free, high purity alumina products are applicable.

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

Maximum Service Temperature: 3300°F (1816°C)

	<u>Pre-Cast Data</u>	
<u>Bulk Density (pcf)</u>		
After 230°F (110°C)	188	(3.01 g/cm ³)
<u>Modulus of Rupture (psi)</u>		
After 230°F (110°C)	1500	(105 kg/cm ²)
<u>Permanent Linear Change (%)</u>		
After 2500°F (1370°C)	-0.2	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	97.1
Silica (SiO ₂)	0.1
Iron Oxide (Fe ₂ O ₃)	0.1
Lime (CaO)	2.6
Alkalies (Na ₂ O+K ₂ O)	0.1

Brand Code: 3271 3264 (With 1.5% Stainless Steel Fibers)

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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