



PRODUCT DATA

Brand Name:

UNIFORM 95 NCS

Description: UNIFORM 95 NCS IS A PRECAST SHAPE UTILIZING A TABULAR ALUMINA / SPINEL CEMENT FREE CASTABLE.

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)

	Pre-Cast Data	
Bulk Density (pcf)		
After 300°F (150°C)	200	(3.20 g/cm ³)
After 1500°F (815°C)	195	(3.12 g/cm ³)
After 3000°F (1649°C)	202	(3.24 g/cm ³)
Modulus of Rupture (psi)		
After 300°F (150°C)	1400	(98 kg/cm ²)
After 1500°F (815°C)	1400	(98 kg/cm ²)
After 3000°F (1649°C)	6000	(420 kg/cm ²)
Permanent Linear Change (%)		
After 300°F (150°C)	0.0	
After 1500°F (815°C)	-0.1	
After 3000°F (1649°C)	-1.1	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	93.1
Silica (SiO ₂)	1.0
Titania (TiO ₂)	0.1
Magnesia (MgO)	5.8
Alkalies (Na ₂ O+K ₂ O)	0.1

Brand Code: 3263 (With 1.5% SS 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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