

PRODUCT DATA

Brand Name: UNIFORM 80 CLC 102

Description: UNIFORM 80 CLC 102 is a coarse-grained, low cement 80% alumina cast shape. Available with

up to 3% stainless steel fiber additions and different grades of stainless steel fiber, such as 304

grade, 310 grade, and HCA grade.

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 230°F (110°C)	167	(2.68 g/cm ³)
Cold Crushing Strength (psi) After 230°F (110°C)	8000	(560 kg/cm ²)
Modulus of Rupture (psi) After 230°F (110°C)	1250	(88 kg/cm ²)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al_2O_3)	79.0
Silica (SiO ₂)	14.9
Iron Oxide (Fe_2O_3)	1.6
Titania (TiO ₂)	2.8
Lime (CaO)	1.4
Magnesia (MgO)	0.2
Alkalies (Na ₂ O+K ₂ O)	0.1

Brand Code: 3274 3250 (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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03/30/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

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