



PRODUCT DATA

Brand Name: **EZ EST 95 PC**
Description: Colloidal Silica-bonded, Tabular Alumina Castable

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

Maximum Service Temperature: 3400°F (1871°C)

Dry Material Required per Cubic Foot : 182 - 188 lbs. (approximate)

Recommended Mixing Time: 5 minutes

Typical EZ ADD Binder Required for Mixing (by weight) :

Pump Casting	11.0 - 12.0%
Vibration Casting	8.0 - 10.0%

Bulk Density (pcf)

	<u>Pump Cast Data</u>	
After 220°F (105°C)	185	(2.96 g/cm ³)
After 2550°F (1400°C)	184	(2.98 g/cm ³)

Cold Crushing Strength (psi)

After 220°F (105°C)	7000 - 13000	(490 - 910 kg/cm ²)
After 2550°F (1400°C)	8000 - 10000	(420 - 560 kg/cm ²)

Permanent Linear Change (%)

After 220°F (105°C)	0.0 to -0.02	(Typical)
After 2550°F (1400°C)	0.0 to -0.06	(Typical)

Typical Chemical Analysis (%)

(Calcined Basis including Liquid Binder)

Alumina (Al ₂ O ₃)	95.5
Silica (SiO ₂)	4.2
Magnesia (MgO)	0.1
Alkalis (Na ₂ O+K ₂ O)	0.2

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.
 Binder: 55 gallon drum, 265 gallon plastic totes

Brand Code: 4131

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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01/03/17 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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