



PRODUCT DATA

Brand Name: EZ EST 32-70 PC

Description: EZ EST 32-70 PC is a colloidal silica-bonded, 75% alumina, pumpable castable. This product is engineered to be a cement-free high alumina castable for pumping, shotcreting, and vibration casting. The liquid binder is RESCO's EZ ADD and must be added as a separate component.

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

Maximum Service Temperature: 3200°F (1760°C)

Bulk Density (pcf)

	<u>Pump Cast Data</u>	
After 1500°F (815°C)	159	(2.55 g/cm ³)

Cold Crushing Strength (psi)

After 1500°F (815°C)	7500	(530 kg/cm ²)
----------------------	------	---------------------------

Permanent Linear Change (%)

After 1500°F (815°C)	0.0 to -0.1	(Typical)
----------------------	-------------	-----------

Abrasion Loss (using ASTM C-704 Method)

After 1500°F (815°C)	Less Than 10 cc
----------------------	-----------------

Typical Chemical Analysis (%)

(Calcined Basis including Liquid Binder)

Alumina (Al ₂ O ₃)	74.6
Silica (SiO ₂)	20.7
Iron Oxide (Fe ₂ O ₃)	1.3
Titania (TiO ₂)	2.9
Lime (CaO)	0.1
Alkalis (Na ₂ O+K ₂ O)	0.1

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 4013

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

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.