



# PRODUCT DATA

**Brand Name:** EZ EST 60 PC

**Description:** EZ EST 60PC is a colloidal silica bonded, 60% alumina castable that can be installed by casting, pumping, or shotcreting methods. This product requires an additional liquid binder (EZ ADD binder) for mixing and installation.

**Maximum Service Temperature** ..... 3000°F (1650°C)

**Bulk Density (pcf)**

After 220°F (105°C) :	155	(2480 kg/m <sup>3</sup> )
After 1500°F (815°C) :	155	(2480 kg/m <sup>3</sup> )

**Cold Crushing Strength (psi)**

After 220°F (105°C)	4700	(329 kg/cm <sup>2</sup> )
After 1500°F (815°C)	7500	(525 kg/cm <sup>2</sup> )

**Permanent Linear Change (%)**

After 1500°F (815°C) 0.0 to -0.2

**Erosion Loss using ASTM C704 Method**

After 1500°F (815°C): 10 cc (typical)

**Typical Chemical Analysis (%)**

Al <sub>2</sub> O <sub>3</sub> .....	58.4 %
SiO <sub>2</sub> .....	38.4
Fe <sub>2</sub> O <sub>3</sub> .....	0.8
CaO .....	<0.1
TiO <sub>2</sub> .....	1.9
MgO .....	0.1
Alkalies .....	0.1

Brand Code: 8868 (Brand Code of EZ ADD binder is 8869)

Standard Packaging: 72- 55 lbs bags per pallet. Bulk packaging available.

The properties shown on this data sheet represent typical average results generated 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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