**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):**
- After 220°F (105°C): 185 (2.96 g/cm³)
- After 2550°F (1400°C): 184 (2.98 g/cm³)

**Cold Crushing Strength (psi):**
- After 220°F (105°C): 7000 - 13000 (490 - 910 kg/cm²)
- After 2550°F (1400°C): 8000 - 10000 (420 - 560 kg/cm²)

**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 (Al₂O₃): 95.5
- Silica (SiO₂): 4.2
- Magnesia (MgO): 0.1
- Alkalis (Na₂O+K₂O): 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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