

PRODUCT DATA



High Alumina Gun Mixes

Gunned Data

Brand Name: EZ EST 32-70 PC TL0817

Description:

EZ EST 32-70 PC is a colloidal-silica bonded, pumpable castable. This product is engineered for short turnaround after placement. The colloidal silica binder must be added as a separate component.

Maximum Service Temperature 3200°F (1760°C)

Bulk Density (lb/ft³)

After 1500°F (815°C) 159 (2545 kg/m³)

Cold Crushing Strength (lb/in²)

After 1500°F (815°C) 7,500 (530 kg/cm²)

Permanent Linear Change (%)

230°F (110°C) to 1500°F (815°C) 0.0 to -0.1

Erosion Loss

After 1500°F (815°C) <10 cc

Typical Chemical Analysis (%)

Al ₂ O ₃	.....	74.6
SiO ₂	.....	20.7
TiO ₂	.....	2.9
Fe ₂ O ₃	.....	1.3
CaO	.....	<0.1
Alkalies	.....	0.1

Brand Code 4013, Typical Shelf Life 12 Months

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions (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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