



Conventional Castables

Cast Data

EZ CAST 2800 FINE

EZ CAST 2800 FINE Castable is a Fine Grained, Low Iron 47% Alumina Castable that can be pumped.

% Water Added to Cast: 7.8%

Maximum Service Temperature: 2800°F (1538°C)

Bulk Density:

After 220°F (105°C): 135 pcf (2160 kg/m³)

After 1500°F (815°C): 131 pcf (2096 kg/m³)

Cold Crushing Strength:

After 220°F (105°C): 12,000 psi (840 kg/cm²)

After 1500°F (815°C): 8900 psi (623 kg/cm²)

Permanent Linear Change (%):

After 1500°F (815°C): -0.2

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Alkalies
47.0	47.5	0.8	1.6	2.9	0.2

Standard Packaging: 72-55 lb. 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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