



PRODUCT DATA

Brand Name: RESCOCAST 110 EZ

Description: RESCOCAST 110 EZ is a casting grade refractory that combines strength and abrasion resistant qualities with low thermal conductivity. It offers improved flow over our standard Rescocast 110C, requiring very minimal vibration for placement.

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

Maximum Service Temperature: 2400°F (1315°C)

Typical Water Required for Mixing (by weight) :
Vibration Casting 11.0 - 12.0%

	Cast Data	
<u>Bulk Density (pcf)</u>		
After 220°F (105°C)	120	(1.92 g/cm ³)
After 1500°F (815°C)	110	(1.76 g/cm ³)
<u>Cold Crushing Strength (psi)</u>		
After 1500°F (815°C)	8500	(595 kg/cm ²)
<u>Thermal Conductivity (K Factor)</u>	<u>BTU/ft²/hr./°F/inch</u>	<u>W/mK</u>
1000°F (538°C)	6.0	0.87
<u>Permanent Linear Change (%)</u>		
Green to 1500°F (815°C)	-0.4 to 0.0	
<u>Abrasion Loss (using ASTM C-704 Method)</u>		
After 1500°F (815°C)	10 cc (max)	

Typical Chemical Analysis (%)
(Calcined Basis)

Alumina (Al ₂ O ₃)	51.2
Silica (SiO ₂)	36.3
Iron Oxide (Fe ₂ O ₃)	1.9
Titania (TiO ₂)	1.0
Lime (CaO)	8.1
Magnesia (MgO)	0.7
Alkalies (Na ₂ O+K ₂ O)	0.8

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

Brand Code: 8930

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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