



Extreme Service Castables

Cast Data

RESCOCAST 17AC COARSE

RESCOCAST 17AC COARSE is a high purity, low iron, low silica hydraulic setting castable that contains a coarse aggregate. Low iron and low silica contents of less than 0.1 to 0.2 percent make **RESCOCAST 17AC COARSE** an ideal choice for reducing atmospheres such as hydrogen and/or carbon monoxide.

Maximum Service Temperature: 3400°F (1870°C)

Bulk Density:

After 1500°F (815°C) 174 - 178 lbs/ft³ (2784 - 2848 kg/m³)
After 2200°F (1205°C) 159 - 167 lbs/ft³ (2544 - 2672 kg/m³)

Cold Crushing Strength:

After 1500°F (815°C) 9000 -12400 psi (630-868 kg/cm²)
After 2200°F (1205°C) 3000 - 4200 psi (210-294 kg/cm²)

Permanent Linear Change(%):

After 1500°F (815°C) 0.0 to -0.2
After 2200°F (1205°C) +0.2 to +0.5

Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	Alkalies
94.9	0.1	0.1	4.6	0.1	0.2

Standard Packaging: 72 - 55 lb. bags per pallet

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