



The Refractory Specialists
 A division of P-G Industries, Inc.
 AN EMPLOYEE OWNED COMPANY

TECHNICAL DATA

ECONOCAST™ 28 is a general purpose, fireclay based conventional castable with low iron content for use in multi-purpose applications. It can be conventional or vibration cast.

Maximum Recommended Use Temperature:	2800°F
Material Required:	122 - 126 pcf
Water Required:	13.5%
Thermal Conductivity (Btu•in/h•ft²•°F):	5.1 @ 1000°F, 5.3 @ 1500°F

Cold Crushing Strength (psi)

220°F	5,000 - 9,000
1500°F	2,000 - 6,000

Density (pcf)

220°F	129 - 133
1500°F	122 - 126

Hot Modulus of Rupture (psi)

1500°F	1,000 - 1,400
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Permanent Linear Change (%)

1500°F	0.0 - 0.4e
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Chemical Analysis

Al ₂ O ₃	49.0%
SiO ₂	38.0%
CaO	9.0%
Fe ₂ O ₃	1.0%

Packaging: 55# and bulk bags

Date Last Revised: 11/05



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All data subject to reasonable deviations and not to be used for specification purposes.