

TECHNICAL DATA

CLAYBURN-CAST 28

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
Permanent Linear Change (%)	1500°F. 0.0 - 0.4e

Chemical Analysis

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