

XERCAST 2800-AL

PRODUCT DATA SHEET

XERCAST 2800-AL is a low-cement castable for service temperatures up to 2800°F, and up to 2200°F for non-wetting applications.

Recommended Service Temperature	2800°F (non-wetting 2200°F)
Water Required for Mixing (as a % of weight)	4.5 – 5.5 %
Material Required Per Cubic Foot	134 -140 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	SiO ₂	CaO	TiO ₂	Fe ₂ O ₃
41 - 45	45 - 50	3.0 - 3.4	1.5 - 1.9	0.8 - 1.1

TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	139 - 143	10000	1500	9 - 13	Nil
1500	137 - 141	8000	1400	11 - 15	-0.4 to 0.0
2000	135 - 139	8000	1500	12 - 16	-0.4 to 0.0
2732	130 - 134	9000	1500	7 - 11	+0.5 to +1.9

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