



XERCAST 85

PRODUCT DATA SHEET

XERCAST 85 is a low-cement castable for service temperatures up to 3200°F.

Recommended Service Temperature	3200°F
Water Required for Mixing (as a % of weight)	4.2 – 5.2 %
Material Required Per Cubic Foot	178 - 185 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al₂O₃	SiO₂	CaO	TiO₂	Fe₂O₃
83 - 87	8 - 11	0.8 - 1.2	2.7 - 3.1	0.8 - 1.2

TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	181 - 186	9000	1800	9 - 13	Nil
1500	178 - 183	14000	2500	12 - 16	-0.3 to +0.1
2732	178 - 183	14000	2500	15 - 19	0.0 to +0.5
2910	179 - 184	13000	2300	12 - 16	+0.2 to +0.8

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