



XERSHOT 70-M PLUS AL PRODUCT DATA SHEET

XERSHOT 70-M PLUS AL is a low-cement, mullite based castable for service temperatures up to 3200°F, and up to 2200°F in non-wetting applications.

Recommended Service Temperature	3200°F (non-wetting 2200°F)
Water Required for Mixing (as a % of weight)	7.0 – 8.0 %
Material Required Per Cubic Foot	149 - 155 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al₂O₃	SiO₂	CaO	TiO₂	Fe₂O₃
66 - 69	24 - 28	2.0 - 3.5	1.6 -2.6	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	152 - 158	6000	1300	12 - 16	Nil
1500	152 - 158	5000	1400	13 - 17	-0.4 to 0.0
2732	149 - 155	8000	1800	14 - 19	+0.2 to +1.0

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