



XERFLOW 70M-AL

PRODUCT DATA SHEET

XERFLOW 70M-AL is a low cement, mullite-based castable with good thermal shock resistance for service temperatures up to 3150°F. This product is designed to be easily installed with minimal vibration assistance due to its self flow characteristics. This material can be used in applications which require high temperature resistance and is applicable for service in non-wetting metal contact applications up to 2200°F.

Recommended Service Temperature	3150°F (non-wetting 2200°F)
Water Required for Mixing (as a % of weight)	6.7 – 7.2 %
Material Required Per Cubic Foot	160 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	Alkalis	Other
66 - 70	22 - 26	1.4 - 1.8	2.2 - 2.7	0.7 - 1.1	0.1 - 0.4	2.2 - 2.6

TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	155 - 160	5000	1000	14 - 18	0.0 to -0.1
1500	154 - 158	7000	1500	17 - 21	-0.1 to -0.3

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