

## XERFLOW 70-M PLUS AL PRODUCT DATA SHEET

**XERFLOW 70-M PLUS AL** is a low cement, mullite-based castable with good thermal shock resistance for service temperatures up to 3200°F, and up to 2200°F in non-wetting applications.

<b>Recommended Service Temperature</b>	<b>3200°F (non-wetting 2200°F)</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>6.7 – 7.7 %</b>
<b>Material Required Per Cubic Foot</b>	<b>152 - 158 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags /pallet 1,000+lb Super Sacks</b>

### TYPICAL CHEMICAL ANALYSIS

<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>SiO<sub>2</sub></b>	<b>CaO</b>	<b>TiO<sub>2</sub></b>	<b>Fe<sub>2</sub>O<sub>3</sub></b>
66 - 70	25 - 29	2.5 - 4.0	1.8 - 2.2	0.7 - 1.1

### TYPICAL PHYSICAL PROPERTIES

<b>Test Temperature (°F)</b>	<b>Bulk Density (pcf)</b>	<b>C.C.S. (psi)</b>	<b>CMOR (psi)</b>	<b>Apparent Porosity (%)</b>	<b>Permanent Linear Change (%)</b>
220	155 - 161	8000	1600	14 - 18	Nil
2000	154 - 160	11000	2000	17 - 21	-0.4 to +0.1
2732	152 - 158	11000	2000	17 - 21	0.0 to +0.6

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