

## XERCAST 60-M PLUS

### PRODUCT DATA SHEET

**XERCAST 60-M** is a low cement, low iron, mullite-based castable with good thermal shock resistance for service temperatures up to 3100°F.

**XERCAST 60-M** has a wide range of applications including tundish back-up linings, ladle lip rings, wood burning boilers, incinerators, cement kilns, carbon baking flues and various preformed shapes.

<b>Recommended Service Temperature</b>	<b>3100°F</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>4.7 - 5.7 %</b>
<b>Material Required Per Cubic Foot</b>	<b>149 - 155 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>
60 - 64	30 - 34	1.3 - 1.6	1.5 - 1.9	0.8 - 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 - 159	8000	1500	10 - 14	Nil
1500	154 - 158	7000	1600	10 - 14	-0.4 to 0.0
2732	151 - 156	10000	2000	12 - 16	+0.5 to +1.5

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