

## XERCAST 60-M

### PRODUCT DATA SHEET

**XERCAST 60-M** is a low-cement, low iron, mullite based castable which features low and high temperature strengths, good thermal shock resistance, low porosity and volume stability. Typical range of applications include both ferrous and non-ferrous metals, minerals processing and chemical processing.

<b>Maximum 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>158 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags / pallet 1,000+lb Super Sacks</b>

#### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	CaO	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Alkalis
64.2	30.7	1.6	2.4	1.0	0.1

#### TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	155 - 160	9000	1500	10 - 14	Nil
1500	153 - 158	10000	1600	10 - 14	-0.3 to 0.0
2732	151 - 156	9000	2000	12 - 16	+0.5 to +1.5

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