

## 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.

Recommended Service Temperature	3100°F
Water Required for Mixing (as a % of weight)	4.7 - 5.7 %
Material Required Per Cubic Foot	149 - 155 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

## **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>
60 - 64	30 - 34	1.3 - 1.6	1.5 - 1.9	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	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

Xertech Specialties 1422 Hoelzer Ct. Dailey Industrial Park Pacific, MO 63069 Ph: (636)271-0586; Fax: (636)271-0587

## www.xertechllc.com mail@xertechllc.com

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