

## **XERCAST 3000 AL**

# **PRODUCT DATA SHEET**

**XERCAST 3000 AL** is a low-cement castable for service temperatures up to 3000°F, and up to 2200°F in non-wetting applications.

Recommended Service Temperature	3000°F (non-wetting 2200°F)
Water Required for Mixing (as a % of weight)	4.5 – 5.5 %
Material Required Per Cubic Foot	140 - 146 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>
45 - 49	43 - 47	2.9 - 3.3	1.6 - 2.0	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	145 - 151	9000	1400	7 - 11	Nil
1500	143 - 149	7000	1300	9 - 13	-0.4 to +0.1
2732	140 - 146	8000	1500	9 - 13	+0.5 to +1.5

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