



## **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.

<b>Recommended Service Temperature</b>	<b>3000°F (non-wetting 2200°F)</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>4.5 – 5.5 %</b>
<b>Material Required Per Cubic Foot</b>	<b>140 - 146 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>
45 - 49	43 - 47	2.9 - 3.3	1.6 - 2.0	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	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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