



## XERCAST 2800-AL

### PRODUCT DATA SHEET

**XERCAST 2800-AL** is a low-cement castable for service temperatures up to 2800°F, and up to 2200°F for non-wetting applications.

<b>Recommended Service Temperature</b>	<b>2800°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>134 -140 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>
41 - 45	45 - 50	3.0 - 3.4	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	139 - 143	10000	1500	9 - 13	Nil
1500	137 - 141	8000	1400	11 - 15	-0.4 to 0.0
2000	135 - 139	8000	1500	12 - 16	-0.4 to 0.0
2732	130 - 134	9000	1500	7 - 11	+0.5 to +1.9

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