



## XERCON 2700 EC

### PRODUCT DATA SHEET

**XERCON 2700 EC** is an economical conventional castable for service temperatures up to 2700°F. Xercon 2700 EC will resist normal abrasion and erosion at moderate temperatures and has good thermal shock resistance. This product may be used as a refractory lining or maintenance material for many different applications.

<b>Recommended Service Temperature</b>	<b>2700°F</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>10.0 – 11.0 %</b>
<b>Material Required Per Cubic Foot</b>	<b>126 - 133 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>	<b>MgO</b>	<b>Alkalies</b>
41.3	50.8	2.8	2.3	1.2	0.4	1.2

#### **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	126 - 133	2000	450	14 - 18	-0.1 to 0.0
1500	124 - 131	1500	300	17 - 21	-0.2 to +0.1
2732	122 - 129	3500	1000	12 - 27	-0.2 to -0.6

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