



## XERCAST 80 SP

## PRODUCT DATA SHEET

**XERCAST 80 SP** is a low-cement, spinel containing castable for service temperatures beyond 3200°F.

<b>Recommended Service Temperature</b>	<b>3200°F+</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>4.4 – 5.4 %</b>
<b>Material Required Per Cubic Foot</b>	<b>170 - 178 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags /pallet 1,000+lb Super Sacks</b>

### 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>	MgO
74 - 78	11 - 14	1.8 - 2.1	3.0 - 3.4	1.1 - 1.4	4 - 7

### TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	174 - 179	10000	2000	10 - 14	Nil
1500	172 - 177	10000	2000	12 - 16	-0.2 to +0.1
2732	169 - 174	9000	1800	15 - 19	+0.5 to +1.0

**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**

Rel 12-14