

## XERCAST 120-AL

### PRODUCT DATA SHEET

**XERCAST 120-AL** is a medium weight refractory castable designed for aluminum contact applications up to 2200°F. This product is ideal for monolithic applications; especially for aluminum ladle linings and other applications where non-wetting and thermal shock resistant properties are required.

<b>Recommended Service Temperature</b>	<b>2200°F</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>8.75 %</b>
<b>Material Required Per Cubic Foot</b>	<b>130 lbs.</b>
<b>Packaging</b>	<b>64 – 50 lb 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>	Alkalies	Other
39.7	48.7	5.1	1.1	2.1	0.4	2.9

#### TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	Cold Crushing Strength (psi)	Modulus of Rupture (psi)	Abrasion Loss (cc)	Permanent Linear Change (%)
220	125 - 130	8000	1300	<12 cc	-0.1 to 0.0
1500	119 - 124	10000	1400	<10 cc	-0.4 to 0.0

Xertech Specialties  
1422 Hoelzer Ct.  
Dailey Industrial Park  
Pacific, MO 63069  
Ph: (636)271-0586; Fax: (636)271-0587

[www.xertechllc.com](http://www.xertechllc.com)  
[mail@xertechllc.com](mailto:mail@xertechllc.com)

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