

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.

Recommended Service Temperature	3000°F (non-wetting 2200°F)
Water Required for Mixing (as a % of weight)	4.5 – 5.5 %
Material Required Per Cubic Foot	140 - 146 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	SiO ₂	CaO	TiO ₂	Fe ₂ O ₃
45 - 49	43 - 47	2.9 - 3.3	1.6 - 2.0	0.8 - 1.1

TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
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

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

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