



XERCAST 94

PRODUCT DATA SHEET

XERCAST 94 is a high alumina, low-cement castable for service temperatures up to 3300°F.

Recommended Service Temperature	3300°F
Water Required for Mixing (as a % of weight)	3.5 – 4.5 %
Material Required Per Cubic Foot	182 - 187 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al₂O₃	SiO₂	CaO	TiO₂	Fe₂O₃
93.5 -95.0	4.7 - 5.0	1.1 - 1.5	Tr	0.1

TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	186 - 191	8000	2000	9 - 13	-0.2 to 0.0
1500	185 - 190	8000	2000	12 - 15	-0.4 to 0.0
2550	185 - 190	14000	3000	11 - 14	-0.3 to 0.0
2910	184 - 189	15000	3000	11 - 14	-0.4 to +0.1

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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