

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.

Recommended Service Temperature	2200°F
Water Required for Mixing (as a % of weight)	8.75 %
Material Required Per Cubic Foot	130 lbs.
Packaging	64 – 50 lb bags/pallet
	1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	SiO ₂	CaO	TiO ₂	Fe ₂ O ₃	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

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