



TECHNICAL DATA SHEET

REFLITE 30-90 is a strong 3000°F insulating castable. Volume stability and low thermal conductivity gives a thermally efficient lining with minimal cracking.

REFLITE 30-90 has a density of 90 pounds per cubic foot.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 90 lbs./cu. ft.
CASTING WATER: 5.5 qts./50 lbs.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	CaO	Alkalies
55 – 60	30 – 35	<1.0	<0.5	5 – 6	<1.0

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Bulk Density lb/ft ³	Cold Crushing Strength, psi	Linear Change %
230	92	1,175	-0.1
1750	88	936	-0.3
2400	86	1,086	-0.8

PACKAGING: 50 lb. Bags, 40 per Pallet (2,000 lbs.)

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The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.