



TECHNICAL DATA SHEET

GN 22 LW is a hydraulic setting, insulating castable designed specifically for gunning with low rebound.

GN 22 LW is a volume stable and light weight product for a 2300°F temperature.

SERVICE TEMPERATURE: 2300°F
MATERIAL REQUIRED FOR ESTIMATING: 65 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
45	37	1.3	1.3	0.3	11	1.5	1.6

TYPICAL PHYSICAL PROPERTIES (gunned)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	"K" Factor Btu/ft ² /hr/in/°F
250	30 - 80	250 - 370	0.5	500°F-1.9
1000	40 - 80	300 - 475	-0.4	2.1
1500	100 - 170	500 - 700	-0.8	2.3
2000	60 - 150	300 - 450	-1.8	2.6
2200	70-125	400 - 550	-2.0	3.0

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

132700 – 5/11/15

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.