



RENO REFRACTORIES, INC

RENO PUMP 90 LW/FF/SS

TECHNICAL DATA SHEET

RENO PUMP 90 LW/FF/SS is a strong 2500°F insulating castable that can be installed by casting, pumping or shotcreting. Volume stability and low thermal conductivity gives a thermally efficient lining with minimal cracking.

RENO PUMP 90 LW/FF/SS has a density of 85-95 pounds per cubic foot.

SERVICE TEMPERATURE: 2500°F
MATERIAL REQUIRED FOR ESTIMATING: 85-95 lbs./cu. ft.
CASTING WATER: 27 - 30%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
56.8	31.0	1.1	0.9	0.1	9.5	0.7	Nil

TYPICAL PHYSICAL PROPERTIES (Cast)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	300 - 500	700 – 1,000	-0.1
1500	350 - 450	1,400 – 1,700	-0.3

TYPICAL PHYSICAL PROPERTIES (Shotcreted)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	200 - 400	600 – 1,000	-0.2
1500	350 - 400	1,500 – 1,700	-0.3

PACKAGING: 50 lb. Bags, 40 per Pallet (2,000 lbs.)
1,000 lb. Bags, 2 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.

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