



RENO REFRACTORIES, INC

RENO PLASTIC 90 FINE

TECHNICAL DATA SHEET

RENO PLASTIC 90 FINE is a high purity, extra high alumina, phosphate bonded plastic refractory. It exhibits excellent hot strengths, very high density and volume stability. The properties of **RENO PLASTIC 90 FINE** lend it appropriate for severe applications such as molten metal and slag contact and coal fired boilers.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 198 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Alkalies	Other
89.9	4.6	0.1	Nil	0.1	0.1	2.8	0.4	2.0

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
600	990	2,890	-0.3
1500	1,840	2,770	-0.2
2000	1,630	3,650	-0.4
2500	1,565	4,230	-0.2
3000	1,875	--	-0.4

PACKAGING: 55 lb. Boxes, 60 per Pallet (3300 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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