



RENO REFRACTORIES, INC

RENO PLASTIC 90 AS

TECHNICAL DATA SHEET

RENO PLASTIC 90 AS is an extra high alumina, air setting plastic with excellent resistance to thermal and mechanical shock. It is ideal for use where very high refractoriness is required.

RENO PLASTIC 90 AS, when dry, develops strength throughout the entire thickness, regardless of the operating temperature.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 188 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
88	9	0.6	1.5	0.1	0.1	0.3	0.4

TYPICAL PHYSICAL PROPERTIES (rammed bars)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
750	190	600	-1.0
1500	332	1,320	0.0
2500	653	3,600	0.6

PACKAGING: 55 lb. Boxes, 60 per Pallet (3,300 lbs.)

207700 – 10/11/12

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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