



RENO REFRACTORIES, INC

RENO Plastic 65 AF

TECHNICAL DATA SHEET

RENO Plastic 65 AF is a high alumina, fine grained, chemically bonded plastic refractory. It exhibits high strength throughout the temperature range. The inherent high density and low porosity reduces metal penetration and the effects of corrosive slags.

SERVICE TEMPERATURE: 2800°F
MATERIAL REQUIRED FOR ESTIMATING: 159 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	P ₂ O ₅
58-62	24 - 26	< 1	< 0.2	2 - 3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Cold Crushing Strength, psi	Linear Change %
1500	3,508	+0.9
2500	7,969	+2.3
2800	9,036	+3.1

PACKAGING: 60 lb. Pails, 48 per Pallet (2880 lbs.)

230300 – 3/10/23

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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