



RENO REFRACTORIES, INC

RENO MULLITE PLASTIC P

TECHNICAL DATA SHEET

RENO MULLITE PLASTIC P is a Mullite based, low iron, volume stable, phosphate bonded plastic with excellent strengths. Low permeability reduces metal and slag penetration. This material has positive expansion at high temperatures.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 160 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
70	24	0.8	1-2	0.1	0.1	2-3	0.2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,150	4,850	-0.1
1500	1,767	5,635	-0.6
2000	1,600	5,200	-0.5
2500	2,200	6,390	0.2

ABRASION LOSS after 1500°F: <5 cc

ABRASION LOSS after 2500°F: <6 cc

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

244300 – 6/22/16

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.

Reno Refractories, Inc. PO Box 201, Morris, Alabama 35116
205.647.0240 | Toll Free 1.800.741.7366