



TECHNICAL DATA SHEET

MO 80P T is an 80% alumina class, phosphate bonded wet mortar. It has good strength, particularly at the lower temperatures. This product is used for laying high and extra high alumina brick and as a protective brush coating on existing refractories.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 450 lbs./M 9" Eq.
WATER REQUIRED - TROWELING: Use as received

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Other
78.8	11.2	1.1	3.4	0.1	0.1	4.9	0.6

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	300 – 500	1,800 – 2,200	-0.1
2000	550 – 750	2,000 – 2,400	-0.1
2500	1,900 – 2,450	5,350 – 5,900	+0.1
3000	2,300 – 2,700	5,750 – 6,200	+0.1

PACKAGING: 60 lb. Pails, 48 per Pallet (2,880 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.