



TECHNICAL DATA SHEET

SUPER ABRADE LTM is a high strength, abrasion resistant mullite based refractory designed for hand packing and ramming.

SUPER ABRADE LTM can also be gunned or cast. The material exhibits a long working time with non-slumping performance when installed on anchored surfaces such as hex mesh or similar. Typical applications include duct-work, fan housings, transfer lines cyclones, classifier cones, and other high abrasion environments.

SERVICE TEMPERATURE:	2300°F
MATERIAL REQUIRED FOR ESTIMATING:	145 lbs/cf
WATER REQUIRED: Ram/Tamped	5 - 6%
Cast	6.0 – 7.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Other
60	32	0.8	2.3	4.9

TYPICAL PHYSICAL PROPERTIES (tamped)

Prefired °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Abrasion Loss (ASTM C704) cast	Abrasion Loss (ASTM C704)ram
250	2,000 – 3,600	>10,000	Nil	6 cc	4 cc
1500	3,600 – 4,500	>10,000	-0.3	5 cc	5 cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 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.