



RENO REFRACTORIES, INC

SUPER ABRADE LTM-G

TECHNICAL DATA SHEET

SUPER ABRADE LTM-G is a high strength, abrasion resistant, mullite based material designed for gunning.

SUPER ABRADE LTM-G can also be tamped. The material guns 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: 2700°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs/cf
WATER REQUIRED: Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	P ₂ O ₅	Other
55	35	1	2	1	6

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	"K" Factor Btu-in/hr-ft ² °F
250	1,300 – 1,600	6,000 – 8,500	Nil	8.21
1500	1,450 – 1,700	7,500 – 8,500	-0.1	8.41
2000	1,700 – 1,850	8,000 – 9,500	-0.5	8.50

Coefficient of Thermal Expansion: 2.96x10⁻⁶ in/in/°F

ABRASION LOSS (ASTM C-704) 1500°F **Gunned:** < 5 cc
1500°F **Tamped:** < 6 cc
1800°F **Gunned:** < 6 cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 lbs.)

127300 – 8/2/16

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.