



RENO REFRACTORIES, INC

RENO GUN 105

TECHNICAL DATA SHEET

RENO GUN 105 is a high alumina gunning mix that can be classified as semi-insulating. This product is stronger than many dense conventional castables. With its low iron content, it can withstand the effects of reducing atmospheres.

SERVICE TEMPERATURE: 2800°F
MATERIAL REQUIRED FOR ESTIMATING: 105 lbs./cu.ft.
(rebound not included)

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	P ₂ O ₅
49 – 50	38 – 39	0.8	1.1	0.3	9 – 10	0.6	0.1

TYPICAL PHYSICAL PROPERTIES (Gunned)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,590	5,500	Nil
1500	970	3,100	-0.1
2000	950	2,950	-0.2
2500	976	2,900	-0.3

PACKAGING: 50 lb. Bags, 72 per Pallet (3600 lbs.)
1000 lb. Bags, 3 per Pallet (3000 lbs.)

124400 – 2/12/09

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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