



RENO REFRACTORIES, INC

RENO CUPOLA BOTTOM RAM

TECHNICAL DATA SHEET

RENO CUPOLA BOTTOM RAM is a high alumina, air setting, non-wetting, ramming mix containing graphite. It has been designed to withstand the corrosive effects of molten iron and slag, particularly for blast furnaces and high production cupolas and their accessories.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 170 lbs./cu. ft.
SHELF LIFE: 2 months

TYPICAL CHEMICAL ANALYSIS (Reducing Conditions)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	C	Alkalies	Other
70	10	1.0	1.8	0.2	0.5	11	0.5	5.0

TYPICAL PHYSICAL PROPERTIES (Reducing conditions above 250°F)

Prefired to °F	Cold Crushing Strength, psi	Linear Change %
250	2,360	0.6
1500	1,185	Nil
2500	6,165	1.3
2800	4,725	0.9

PACKAGING: 2500 lb. Bags, 1 per Pallet (2,500 lbs.)

20-002

PIN 307700-1/15/20

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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