



RENO REFRACTORIES, INC

Reno ASAP Gun 110

TECHNICAL DATA SHEET

Reno ASAP Gun 110 is special formulated gun mix that excellent abrasion resistance and high strength where insulating properties are required. **Reno ASAP Gun 110** is an excellent choice for operating conditions where abrasion, high strength low and low thermal conductivity properties are required.

Reno ASAP Gun 110 can be fast fired at a rate of 100°F for linings ≤ 9” in overall thickness.

Service Temperature:	2500°F / 1370°C	Wt. Required for Estimating:	112 lb/ft ³
Liquid Type:	Water	Storage Life:	6 months
Addition Quantity:	1.5 to 3 quarts per 100 lbs		

TYPICAL CHEMICAL ANALYSIS(% Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Alkalies
48.5	29	1.8	0.7	8.3	1.1

TYPICAL COLD PHYSICAL PROPERTIES

Temperature °F	MOR (psi)	Cold Crushing Strength (psi)	Density (lb/ft ³)	PLC (%)	Abrasion Loss (cc)
1500°F	900-1100	6000-9000	108 - 116	-0.1 to - 0.4	<14
2000°F	800 - 1000	5000 - 8000	110 - 114	-0.1 to - 0.4	

Temperature °C	MOR (MPa)	Cold Crushing Strength (MPa)	Density (kg/m ³)	PLC (%)	Abrasion Loss (cc)
815°C	6.2 – 7.6	41 - 62	1730 - 1860	-0.1 to - 0.4	<14
1093°C	5.5 – 6.9	34 - 55	-	-0.1 to - 0.4	

TYPICAL HOT PHYSICAL PROPERTIES

Temperature °F	Thermal Conductivity (BTU/ft ² /hr/in/°F)	Temperature °C	Thermal Conductivity W/(m K)
500	6.5	260	0.94
1000	6.2	538	0.90
1500	5.7	815	0.82

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

RB

PIN# 611211 – 9/23/23

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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