



RENO REFRACTORIES, INC

## Reno ASAP Gun 80 ABR

### TECHNICAL DATA SHEET

Reno ASAP Gun 80 ABR is a 3200°F high strength, low cement gun mix that provides maximum abrasion resistance and excellent strengths.

- Eliminates the need for long (24 hour) curing time
- Designed for an accelerated dryout schedule
- Can only be installed by gunning

Service Temperature: 3000°F / 1648°C  
 Liquid Type: Water  
 Addition Quantity: Adjust at nozzle

Wt. Required for Estimating: 155 lbs/ft<sup>3</sup>  
 Storage Life: 6 months  
 Required predamp water: 1-2 gal/100 lb

#### TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Alkalies
77.8	16.3	0.9	2.8	1.8	0.1	0.3

#### TYPICAL COLD PHYSICAL PROPERTIES

Prefired to °F	Cold Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Density (pcf)	Porosity (%)	Linear Change (%)	Thermal Cycle Change (%)	Abrasion Loss (cc)
250	2,884	10,925	158	16.3	0.1		
750	2,904	10,799	157	20.8	-0.1		
1500	2,560	9,841	155	22.7	-0.1		< 7 cc
2000	2,933	10,754	153	22.2	-0.5	-0.77	
2500	3,549	11,575	154	20.5	0.7		
2800	2,506	8,744	150	21.5	1.4		

22-140 A RB

PIN#614000 10/27/2022

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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