



RENO REFRACTORIES, INC

Reno Pump 80 ABR

TECHNICAL DATA SHEET

Reno Pump 80 ABR is a 3200°F high strength, low cement pumpable mix that provides maximum abrasion resistance and excellent strengths. Reno Pump 80 ABR can be installed by casting, pumping and shotcreting.

Service Temperature: 3000°F / 1648°C
Liquid Type: Water
Liquid Quantity: 5.25 – 5.5% by weight

Wt. Required for Estimating: 170 lbs./ft³
Storage Life: 6 months
Shotcrete Activator: 1.5% Sodium Silicate

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	MgO	Alkalies
81.1	13.3	0.8	2.6	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 (%)	Abrasion Loss (cc)
1500	2000-3000	16000-18000	170		-0.1 to -0.4	< 4 cc

RB

PIN#614030 8/19/2022

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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