



RENO REFRACTORIES, INC

RENO ASAP PUMP 30 SIC

TECHNICAL DATA SHEET

RENO ASAP PUMP 30 SIC is a 30% silicon carbide, low cement castable developed to be pumped or cast into place. The volume stability and low iron content make RENO ASAP PUMP 30 SIC ideal for a variety of applications. Some examples are in cement kiln preheaters and coal fired boiler applications. May be dried out faster than most low cements

SERVICE TEMPERATURE:	3000°F (reducing)
MATERIAL REQUIRED FOR ESTIMATINGN (cast):	145 lbs./cu. ft.
CASTING WATER:	5 – 6%
PUMPING WATER:	6 - 7%

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>	MgO	SIC	CaO
34 – 35	30 – 31	<0.6	<1.0	<0.1	29 – 30	2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,000	6,800	----
1500	2,520	8,100	-0.1
2000	2,600	8,500	-0.2
2500	3,200	11,000	+0.2

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)

165800 – 5/28/12

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.