



**RENO REFRACTORIES, INC**

**RENO ASAP PUMP 60 AZR LC**

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**TECHNICAL DATA SHEET**

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**RENO ASAP PUMP 60 AZR LC** is a high strength, high density, alumina-zircon low cement castable.

**RENO ASAP PUMP 60 AZR LC** is very well suited for risers and lifters in cement and lime plant applications or any areas where abrasion and chemical attack are a problem.

<b>SERVICE TEMPERATURE:</b>	3000°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	162 lbs./cu. ft.
<b>CASTING WATER:</b>	5.5 - 6.5%

**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>	CaO	ZrO <sub>2</sub>
53 – 56	33 – 35	<0.9	1.8 – 2.2	10 - 12

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,970	10,100	Nil
1500	3,300	10,600	-0.14

<b>ABRASION LOSS AFTER FIRING TO 1500F:</b>	7 cc
<b>POROSITY AFTER 1500F:</b>	9-10%

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

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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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