



RENO REFRACTORIES, INC

ASAP CAST 60 LC

TECHNICAL DATA SHEET

**ASAP CAST 60 LC** is a high alumina, very strong, thermal shock resistant, mullite based low cement castable that can be vibrated, pumped or shotcreted into place and can be dried out quickly.

**ASAP 60 LC** is recommended wherever abrasion or alkali attack is a problem. Has very good strengths and positive expansion at higher temperatures.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 150 lbs./cu.ft.(cast)  
**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	CaO	Alkalies	Other
57.6	36.6	0.9	1.6	0.1	2.3	0.2	0.3

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,490	11,900	Nil
1500	2,880	12,600	-0.2
2500	2,530	10,500	+0.6

**Abrasion Loss after firing to 1000°F:** <8 cc (vibrated)

**Abrasion Loss after firing to 1500°F:** <5 cc

**PACKAGING:** 55 lb. Bags, 72 Per Pallet (3960 lbs.)  
2000 lb. Bags, 2 Per Pallet (4000 lbs.)  
1500 lb. Bags, 2 Per Pallet (3000 lbs.)  
500 lb. Bags, 4 Per Pallet (2000 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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