



RENO REFRACTORIES, INC

ASAP CAST 60Z LC

---

TECHNICAL DATA SHEET

---

**ASAP CAST 60Z LC** is a high alumina, mullite and zircon low cement castable that can be vibrated, pumped or shotcreted into place. Heat-up can be faster than traditional heating schedules.

**ASAP 60Z LC** is recommended wherever abrasion or alkali attack is a problem such as in coolers and pre-heater towers.

<b>SERVICE TEMPERATURE:</b>	3000°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	150 lbs/cu.ft.(cast)
<b>CASTING WATER:</b>	5 - 6%
<b>PUMPING WATER;</b>	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	Zircon
53	37	0.9	1.6	0.1	2.2	0.2	4 - 5

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,370	11,900	Nil
1500	2,520	12,600	-0.2

<b>Abrasion Loss after firing to 1000F:</b>	5 - 6 cc (vibrated)
<b>Abrasion Loss after firing to 1500F:</b>	4 - 5 cc (vibrated)
	6 - 7 cc (pumped)

**PACKAGING:** 55 lb. Bags, 72 per Pallet (3960 lbs.)  
1000 lb. Bags, 2 per Pallet (2000 lbs.)  
2000 lb. Bags, 2 per Pallet (4000 lbs.)

145900 – 5/28/09

---

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.

Reno Refractories, PO Box 201, Morris, Alabama 35116  
205.647.0240 | Toll Free 1.800.741.7366