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**TECHNICAL DATA SHEET**

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**RENO CAST 28** is a strong, moderate abrasion resistant, general purpose conventional castable. It has low iron to resist reducing atmospheres and can be used to pre-cast special shapes for applications up to 2800°F.

**SERVICE TEMPERATURE:** 2800°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 125-130 lbs./cu.ft.  
**CASTING WATER:** 13 - 14%

**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
50.3	40.1	1	1.6	0.1	6.7	0.2	0.1

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,200	4,100	Nil
1500	550	2,700	-0.1
2000	850	2,900	+0.3
2500	1,700	4,500	+2.0

**PACKAGING:** 55 lb. Bags, 72 per Pallet (3,960 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.