



TECHNICAL DATA SHEET

RENO CAST 30 is a dense, hydraulic setting, high alumina, conventional castable. It is an economical general purpose 3000°F castable with volume stability throughout its temperature range.

RENO CAST 30 is useful in numerous high temperature applications and easy to install. It can be used in any iron handling application such as transfer ladles, machine ladles and iron pouring ladles.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	136 lbs/cf
CASTING WATER:	Approx. 10%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
55.5	38.4	0.9	1.5	0.1	3.3	0.2	Nil

TYPICAL PHYSICAL PROPERTIES

Pre-fired to °F	Modulus of Rupture, psi	Cold Crushing Strength< psi	Linear Change %	"K" Factors Btu/ft ² /hr/in/°F
250	800	2,900	Nil	400°F – 7.8
1500	500	2,300	-0.2	800°F – 7.7
2500	1,100	3,700	+1.0	1,200°F – 7.6
3000	1,800	7,500	+1.3	1,600°F – 7.5 2,000°F – 7.4 2,400°F – 7.4

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.