



RENO REFRACTORIES, INC

RENO CAST 26 PC

TECHNICAL DATA SHEET

RENO CAST 26 PC is a 2600°F general purpose conventional castable. Volume stability to its maximum service temperature is an important feature along with its low iron content.

RENO CAST 26 PC has excellent workability for ease of installation. May be installed by casting, pumping or shotcreting.

SERVICE TEMPERATURE:	2600°F
MATERIAL REQUIRED FOR ESTIMATING:	125 lbs./cu. ft.
CASTING WATER:	12-13%
PUMPING WATER:	13.5-15.5% (* set with Sodium Nitrite 2.5%)

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
45	46	1	1.6	Nil	4.6	0.1	0.2

TYPICAL PHYSICAL PROPERTIES (Cast at 13.9% water)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Abrasion g/cc
250	800	4,100	Nil	
1000	450	3,750		
1500	425	3,300	-0.3	23 - 27
2500	1,550	5,500	+0.6	8 - 12

TYPICAL PHYSICAL PROPERTIES *(Shotcreted-Mixed at 14.5% water)

Prefired to °F	Modulus of Rupture, psi	Linear Change %
250	530*	---
1000	329*	-.02*
1500	212*	-.02*
2300	580	-0.3

* Robert Jenkins Testing Company

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

26-099

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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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