



RENO REFRACTORIES, INC

RENO CLEANCAST 1010

TECHNICAL DATA SHEET

RENO CLEANCAST 1010 is a ultra-low cement castable that contains 10% Silicon Carbide and 10% Zircon. Excellent resistance to alkali attack, thermal shock and abrasion. Can be cast or pumped.

RENO CLEANCAST 1010 was designed primarily for the Cement and Lime industries. Application include lower preheater cyclones, feed shelf, TAD and bullnose,

SERVICE TEMPERATURE:	2800°F
MATERIAL REQUIRED FOR ESTIMATING:	178 lbs./cu. ft.(4.75% water)
CASTING WATER	4-4.5%
PUMPING WATER:	4.5-5%

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>	Zircon	CaO	SIC
53-54	24-25	0.8	tr	10	1.2	10

TYPICAL PHYSICAL PROPERTIES

Pre-fired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,100-2,470	10,150-14,360	Nil
1500	1,650-1,900	8,740-13,960	-0.3
2000	1,520-1,775	7,950-13,225	-0.3
2500	1,990-2,325	12,650-14,970	-0.5

ABRASION LOSS AFTER 1500°F: 8 cc  
ABRASION LOSS AFTER 2500°F: 6 cc

POROSITY AFTER 1500°F: 11-14%

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.