



RENO REFRACTORIES, INC

JET CAST SUPER ABRADE 60Z

TECHNICAL DATA SHEET

JET CAST SUPER ABRADE 60Z is a high alumina, zircon enhanced, low cement castable specifically developed to be pumped/gunned into place using the "JET CAST" method of material placement.

JET CAST SUPER ABRADE 60Z is thoroughly mixed in mixers and pumped to the job and pneumatically applied. Applications include areas where abrasion and alkali are a problem such as cement kiln preheating zones and coal fired boiler ash hoppers.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 148 lbs./cu. ft.
PUMPING WATER: 6 - 7% by weight

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Alkalies	Zircon
57	35	<1.0	2 - 3	<0.25	4 - 5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,200	9,800	-0.1
1500	1,900	10,850	-0.2
2000	2,000	8,850	-0.9
2500	1,400	6,800	+0.9

ABRASION LOSS After 1500°F: <6 cc

PACKAGING: 2000 lb. bulk bags, 2 per pallet (4000 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.

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