



RENO REFRACTORIES, INC

RENO PLASTIC AZS

TECHNICAL DATA SHEET

RENO PLASTIC AZS is a high purity, phosphate bonded AZS plastic refractory. The high Zircon content gives the refractory resistance to alkalis and slags.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 175 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Zircon	Other
66	4	0.2	0.1	0.1	.01	3-4	27	1.0

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Abrasion Loss, cc	Linear Change %
250	700	2800	-	-0.5
1500	740	3,560	10.3	-0.4
2000	970	4300	8.7	-0.3
2500	1,325	5,375	10.6	-0.7

PACKAGING: 55 lb. Boxes, 60 per Pallet (3,300 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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