

PINNACLE® 8X

DESCRIPTION: Ladle and furnace brick, resin bonded, made with predominately fused grain with a favorable lime-to-silica ratio. Very high erosion and slag resistance. Good oxidation resistance due to high purity flake graphite. Antioxidants can be added.

USES INCLUDE: Electric furnace hotspots
Electric furnace sidewalls
Ladles
BOF working linings

CHEMICAL ANALYSIS: (MgO portion)

MgO	98.0 % by weight (approx.)
CaO	1.6
SiO ₂	0.4
Fe ₂ O ₃	0.2
Al ₂ O ₃	0.1

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original:	3.00 g/cm ³ (187 lb/ft ³)
Crushing Strength:	6000 psi (41 Mpa)
Apparent Porosity:	2.5%
Antioxidants:	Can be added
% Carbon:	5 - 20%

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally, and as a function of size and shape. This form is not intended to be used for purposes of specification, it is informational only.

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