

PINNACLE® 7

DESCRIPTION: Ladle and furnace brick, resin bonded, made with predominately fused grain. 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	97.0 % by weight (approx.)
CaO	1.0
SiO ₂	1.0
Fe ₂ O ₃	0.3
Al ₂ O ₃	0.2

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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