

PINNACLE® 4

DESCRIPTION: Ladle and furnace brick, resin bonded, with good erosion and slag resistance. Antioxidants can be added.

USES INCLUDE: Electric furnace sidewalls
Ladle barrels and bottoms

CHEMICAL ANALYSIS: (MgO portion)

MgO	94.9 % by weight (approx.)
CaO	1.3
SiO ₂	1.3
Fe ₂ O ₃	1.9
Al ₂ O ₃	1.0

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original:	3.0 g/cm ³ (187 lb/ft ³)
Crushing Strength:	6000 psi (41 Mpa)
Apparent Porosity:	~ 3 %
Anti-Oxidants:	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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