



PINNACLE® 5

PINNACLE® 5: Ladle and furnace brick, resin bonded, with very high erosion and slag resistance. Anti-oxidants can be added.

USES INCLUDE: Electric Furnace Sidewalls
Ladle / Furnace Bottoms
BOF Working Linings

CHEMICAL ANALYSIS: (MgO portion)

MgO	94.9 %	by weight (approx.)
CaO	1.0	
SiO ₂	1.0	
Fe ₂ O ₃	1.9	
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	
Apparent Porosity:	2.5 %	
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.