



## PINNACLE 6

6/05

**PINNACLE 6:** Magnesita-Carbon brick, resin bonded, made with predominately fused grain magnesite. Very high erosion and slag resistance. Good oxidation resistance due to high purity flake graphite. Anti-oxidants can be added.

**USES INCLUDE:** Electric Furnace Hotspots  
Electric Furnace Sidewalls  
Ladle Furnace Slaglines

### CHEMICAL ANALYSIS: (MgO portion)

MgO	96.0 % by weight (approx.)
CaO	1.0
SiO <sub>2</sub>	1.0
Fe <sub>2</sub> O <sub>3</sub>	0.7
Al <sub>2</sub> O <sub>3</sub>	0.5

### TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original:	3.00 g/cm <sup>3</sup> (187 lb/ft <sup>3</sup> )
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.