

PINNACLE 8

6/05

PINNACLE 8: Electric Furnace Magnesia-Carbon refractory containing 100% fused grain and high quality graphite. Anti-oxidants can be added.

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

CHEMICAL ANALYSIS: (MgO portion)

| | | |
|--------------------------------|--------|---------------------|
| MgO | 98.0 % | by weight (approx.) |
| CaO | 1.4 | |
| 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 | |
| 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.