



Apex 8

DESCRIPTION: Electric Furnace Ladle and furnace refractory containing predominately fused grain and high quality graphite. Anti-oxidants can be added.

USES INCLUDE: Electric Furnace Hotspots
Electric Furnace Sidewalls
Ladles
BOF Working Linings

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

MgO	98.0 %
CaO	1.0 %
SiO ₂	0.8 %
Fe ₂ O ₃	0.2 %
Al ₂ O ₃	0.1 %

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original g/cm ³ (lb/ft ³)	3.00 (187)
Crushing Strength psi	6000
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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