



## Icon HD

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**DESCRIPTION:** Magnesia-Alumina-Carbon refractory containing 100% fused grain and high quality graphite. With antioxidants.

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

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS after ignition)

(Approximate % by weight)

MgO	88.0 %
CaO	1.2 %
SiO <sub>2</sub>	0.6 %
Fe <sub>2</sub> O <sub>3</sub>	0.1 %
Al <sub>2</sub> O <sub>3</sub>	10 %

### TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, original g/cm <sup>3</sup> (lb/ft <sup>3</sup> )	3.01 (191)
Crushing Strength psi	6000
Apparent Porosity %	2.5
% Carbon	15

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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