



Icon 5

DESCRIPTION: Magnesia-Alumina-Carbon brick, resin bonded, with very high erosion and slag resistance. With antioxidants.

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

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS – after ignition)

(Approximate % by weight)

MgO	85 %
CaO	1.0 %
SiO ₂	1.0 %
Fe ₂ O ₃	1.9 %
Al ₂ O ₃	10 %

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original g/cm ³ (lb/ft ³)	3.00 (187)
Crushing Strength psi	6000
Apparent Porosity %	2.5
% 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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