



Apex 4

DESCRIPTION: Ladle and furnace brick, resin bonded, with good erosion and slag resistance. Antioxidants can be added. Made from dead burned MGO.

USES INCLUDE: Electric furnace sidewalls.
Ladle barrels and bottoms.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

MgO	90.0%
Al ₂ O ₃	5.0 - 6.0%
Fe ₂ O ₃	1.9%
CaO	1.3%
SiO ₂	1.3%

TYPICAL AS RECEIVED PROPERTIES:

Antioxidants:	Can be added
Apparent Porosity (%):	4.0
Bulk Density, original g/cm ³ (lb/ft ³):	2.96
Carbon (%):	5.0 - 20.0
Crushing Strength (MPa):	35

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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