



Alumina Graphite Shapes - LS4

DESCRIPTION: ISO-statically pressed carbon-bonded alumina graphite shapes. Resistant to thermal shock and mechanical stress

USES INCLUDE: Flow control and protection of molten steel against reoxidation and nitrogen pick up.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	57 - 65%
Fixed Carbon	20 - 25%
SiO ₂	10 - 16%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	18.0 maximum
Bulk Density, original (g/cm ³):	2.5 - 2.8
Cold Crushing Strength (MPa):	5 minimum

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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