



## Alumina Graphite Shapes - LS4

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

**USES INCLUDE:** Flow control and protecting molten steel against reoxidation and nitrogen pick up.

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al <sub>2</sub> O <sub>3</sub>	59 - 63%
Fixed Carbon	25 - 30%
SiO <sub>2</sub>	8 - 10%

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	18% maximum
Bulk Density, original (g/cm <sup>3</sup> ):	2.5 - 2.7
Cold Crushing Strength (MPa):	5 minutes

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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