



## 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 re-oxidation 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:

Bulk Density, original (g/cm <sup>3</sup> )	2.5-2.7
Cold Crushing Strength (Mpa)	5 min.
Apparent Porosity (%)	18% max

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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