



ATASAN Ferroalloys

ATASAN Ferroalloys

Alumia-Graphite Nozzles

Alumina-Graphite Nozzles are high-performance refractory products manufactured from high-purity alumina, flake graphite, and special additives. They combine the excellent erosion and corrosion resistance of alumina with the superior thermal shock resistance and non-wetting properties of graphite.



1. Typical Chemical & Physical Properties:

Products	Al ₂ O ₃ (min.)	C	Bulk Density (g/cm ³)	Apparent Porosity (%)	Cold Crushing Strength (MPa)	Thermal Shock Resistance
Alumina-Graphite Standard	65	12	≥ 2.45	≤ 24	≥ 50	≥ 1750
Alumina-Graphite Premium	70	15	≥ 2.55	≤ 22	≥ 55	≥ 1770
High Alumina-Graphite	75	18	≥ 2.60	≤ 20	≥ 60	≥ 1790

2. Typical Dimensions: Shapes and dimensions available upon request.

3. Packing: Individually wrapped and packed in strong wooden crates or pallets with protective foam, steel strapped and covered with waterproof film.

- Other sizes and specifications are available upon request.