

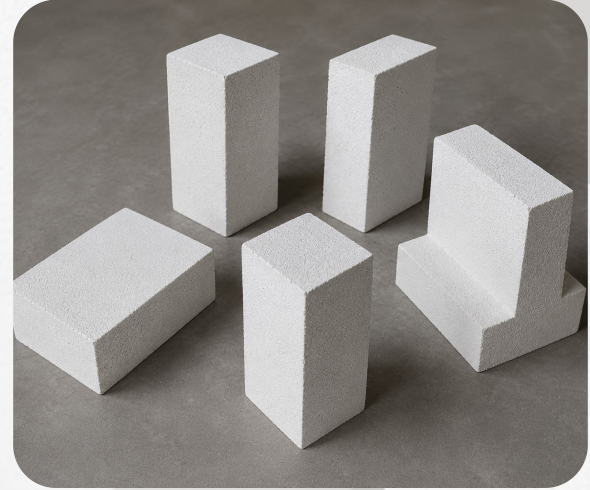


ATASAN Ferroalloys

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Insulating Refractories

Insulating Refractories are lightweight, high-porosity materials designed to minimize heat loss and reduce energy consumption in high-temperature industrial furnaces and kilns. They include Insulating Fire Bricks (IFB), calcium silicate boards, ceramic fiber products, and lightweight castables.



1. Typical Chemical & Physical Properties:

Products	Classification Temp. (°C)	Bulk Density (g/cm ³)	Cold Crushing Strength (MPa)	Thermal Conductivity (W/m·K at 1000°C)	Al ₂ O ₃ (approx.)
IFB 23	1260	0.50 - 0.65	≥ 1.0	≤ 0.30	30-40
IFB 26	1430	0.80 - 0.90	≥ 1.5	≤ 0.40	50-60
IFB 28	1540	0.90 - 1.10	≥ 2.0	≤ 0.45	60-70
IFB 30 / High Alumina	1650	1.00 - 1.35	≥ 2.5	≤ 0.50	70-80

2. Typical Dimensions: 230 × 114 × 65 mm (or 76 mm)

3. Packing: Palletized in wooden crates or on strong pallets, steel strapped and wrapped with waterproof film.

- Other sizes and specifications are available upon request.