Calcined Bauxite 75% Al_2O_3

Calcined bauxite | economy refractory grade | Al_2O_3 75 % min

Product Description

Ochnology is a manufacturer and supplier of calcined bauxite 75% Al_2O_3, also known as Indian calcined bauxite, 75 bauxite and low-alumina calcined bauxite. It is a cost-effective refractory grade made from selected bauxite, with Al_2O_3 of 75% min, Fe_2O_3 of 4.0% max, TiO_2 of 3.5% max and bulk density of 2.75 g/cm³ min. Calcined bauxite 75% is supplied in sizes of 0–1, 1–3, 3–5 and 5–8 mm for ramming mass, refractory mortars, foundry applications, general-purpose castables and abrasive uses. Ochnology supplies calcined bauxite in India and for export, with a TDS, MSDS and COA for each lot.

Typical Specification

Parameter	Typical value
Alumina (Al_2O_3)	75.0 % min
Iron oxide (Fe_2O_3)	4.0 % max
Titanium dioxide (TiO_2)	3.5 % max
Bulk density	2.75 g/cm³ min
Water absorption	8.0 % max
Moisture	0.5 % max
Sizes	0–1, 1–3, 3–5 and 5–8 mm (other sizes on request)

Supply Details

Item	Detail
Form	Granular (graded sizes)
Packing	As per order; jumbo bags or small bags
Storage	Store dry in covered area, away from moisture
Transport classification	Not classified as dangerous goods
Certification	COA supplied with each lot

Typical Applications

- Ramming mass and refractory mortars
- Foundry applications
- General-purpose castables
- Abrasive and general industrial uses

Issue date: 03 November 2026