# Tabular Alumina

**Tabular alumina | sintered tabular alumina | $Al_2O_3$ 99.5 % min | CAS 1344-28-1**

## Product Description

Ochnology is a manufacturer and supplier of tabular alumina, also known as sintered tabular alumina and tabular corundum (CAS 1344-28-1). It is a high-purity alpha alumina sintered to large, well-developed tabular crystals with closed porosity, with $Al_2O_3$ of 99.5% min, $Na_2O$ of 0.40% max, $SiO_2$ of 0.10% max, $Fe_2O_3$ of 0.10% max and bulk density of 3.50 g/cm³ min. Tabular alumina is supplied in sizes of 0–1, 1–3 and 3–6 mm, and as -200 and -325 mesh powder, for high-performance castables, bricks, monolithics, slide gate plates and ceramics. Ochnology supplies it as a tabular alumina supplier in India and for export, with a TDS, MSDS and COA for each lot.

## Typical Specification

| Parameter | Typical value |
|---|---|
| **Alumina ($Al_2O_3$)** | 99.5 % min |
| **Sodium oxide ($Na_2O$)** | 0.40 % max |
| **Silicon dioxide ($SiO_2$)** | 0.10 % max |
| **Iron oxide ($Fe_2O_3$)** | 0.10 % max |
| **Bulk density** | 3.50 g/cm³ min |
| **Apparent porosity** | 5.0 % max |
| **Sizes** | 0–1, 1–3 and 3–6 mm; -200 and -325 mesh powder |

## Supply Details

| Item | Detail |
|---|---|
| **Form** | Granular and powder |
| **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

- High-performance castables and bricks
- Monolithics and slide gate plates
- Steel ladle and furnace linings
- Technical ceramics

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