

**Product Name:** Aluminum oxide, calcined, insulating powder, Thermo Scientific Chemicals

**Catalog Number:** 033195.A1

**CAS Number:** 1344-28-1

**IUPAC Name:** dialuminium(3+) trioxidandiide

**Molecular Formula:** Al<sub>2</sub>O<sub>3</sub>

**Molecular Weight:** 101.96

**MDL Number:** MFCD00003424

**InChI Key:** PNEYBMLMFCGWSK-UHFFFAOYSA-N

**SMILES:** [O--].[O--].[O--].[Al+3].[Al+3]

**Synonym:** aluminum oxidelaluminium oxide

## Product Specification

**Appearance (Color):** White to pale cream or pale yellow

**Form:** Powder

**Assay from Suppliers CofA:** ≥99.5% alumina

**Comment:** Calcined alpha-alumina

**Comment:** Density: 3.70-3.95 g/cm<sup>3</sup>

**Comment:** Maximum service temperature, air: 1950°C

**Date Of Print:** 05/12/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*