

**Product Name:** Aluminum oxide, single crystal, Thermo Scientific Chemicals  
**Catalog Number:** 040261.KG

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**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

**Comment:** 12.7mm dia x 1.0mm thick  
**Comment:** random orientation  
**Comment:** Sapphire

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**Date Of Print:** 05/17/2024

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