

Product Name: Aluminum oxide, Alpha-phase, Catalyst support, Low surface area, Trimodal, Thermo Scientific Chemicals

Catalog Number: 043833.A1

CAS Number: 1344-28-1

IUPAC Name: dialuminium(3+) trioxidandiide

Molecular Formula: Al₂O₃

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

Assay (unspecified): Apparent Porosity: 60-70%

Assay (unspecified): Bulk Density: 1.1-1.4 g/cc

Assay (unspecified): Packing Density (SI): 720-980 kg/m³

Assay (unspecified): Water Absorption: 45-55%

Crush Strength: Report Avg

Specific Gravity: Report

Particle Size: OD Average: Report

Particle Size: Total Pore Volume: 0.45-6.0 ml/g

Surface Area: 0.6-0.9 m²/g

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.