

Product Information

CHROMATOCEL® N-060

Gamma phase activated alumina (aluminum oxide)

CAS NUMBER

1344-28-1

PRODUCT DESCRIPTION

A gamma phase granular/powdered alumina (aluminum oxide) for use in catalysis, chromatography, batch extractions and decolorizations.

Typical Properties

Property	Unit	Value
Bulk Density	kg/m ³	650-850
Chemical Name Aluminum Oxide		Gamma Alumina
Loss on Ignition 250-1,000°C	wt%	≤10.0
Particle Size	µm	20-100
pH Value 10% Slurry		6.0-8.0
Surface Area	m ² /g	180-220

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Large scale liquid chromatography
- Small molecule purification
- API purification
- Fine chemical purification

Product Composition

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Aluminum Oxide (Al₂O₃) Content Purity Assay (on a volatile free basis)	wt%	99-100
Moisture Content Thermal Moisture Content (Ambient – 250 °C)	wt%	≤1.5

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

Optimized particle size, surface area, pH, and purity make it a particularly useful material for the separation of small molecules, peptides, lipids and a variety of other compounds.

PACKAGING

- 88 lbs (40 kg) drums
- 44 lbs (20 kg) drums

STORAGE

Activated alumina should be protected from exposure to the atmosphere to minimize adsorption of water vapor, which is highly deactivating for powdered aluminas like Chromatocel (liquid water is also highly deactivating).

SHELF LIFE

3 years in original packaging stored in a dry, covered location

Disclaimer

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