

Алюминия окись / Aluminium Oxide [ChemPURE] ChemElements™

Material number
9003104001025

CAS No.: 1344-28-1
Tariff No: 2818 20 00 00
Quality: ChemElements specification



Typical properties

Molecular weight: 101,96
Melting point: 2045°C
Solubility in water: insoluble
Specific gravity: 3,97 g/cm³
Appearance: white amorphous powder with a pinkish and greyish shade

Specification

1. Assay (Al ₂ O ₃):	≥97 %
2. Loss of ignition:	≤0,5 %
3. Sulfates (SO ₄):	≤0,20 %
4. Chlorides (Cl):	≤0,05 %
5. Iron (Fe):	≤0,05 %
6. Silicium (Si):	≤0,05 %
7. Alkali and alkaline-earth metals (as sulfates expressed as Na ₂ O):	≤0,05 %
8. Fine-grained fraction, sifted through a sieve No. 005:	≤25 %
9. Washing to neutral condition:	Passes test

Standard packing

25 kg paper bag with polyethylene inliner (50 µm)

Available on request

Other customer-specific packing, specification

Shelf life

6 monthes

Storage recommendation

Store in a clean, dry warehouse in the original tightly closed packaging. Avoid overheating

TECHNICAL DATA SHEET

Application

In the production of instruments for measuring, controlling, regulating, signaling temperature and their methodological and metrological support

Certification

ISO 9001:2015

Hazards Identification

Not a hazardous substance or mixture

Transport Information

Not dangerous goods

ADR/RID: Not classified as dangerous in the meaning of transport regulations.

IATA: Not classified as dangerous in the meaning of transport regulations.

IMDG: Not classified as dangerous in the meaning of transport regulations.

Place of production / Warehouse

CHEMICAL ELEMENTS UKRAINE, LLC
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Customer support: customer.support@chemelements.life

Quality issues: quality@chemelements.life

<https://www.chemelements.life>

ELEMENTS
The Elements For Life

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This data sheet is for information purposes only and is based on observations of our standard product. It does not release the user from any obligation to test the material and determine suitability for each application.