TECHNICAL DATA SHEET

Алюминий окись / Aluminium Oxide [Pure] ChemElements™

Material number
9002102001025

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

Al_2O_3

Typical properties

Molecular weight:	101,96
Melting point:	2045^0C
Solubility in water:	insoluble
Specific gravity:	$3,97 \ g/cm^3$
Appearance:	white amorphous powder with a pinkish and greyish shade

Specification

1. Assay (Al_2O_3):	≥95 %
2. Loss of ignition:	≤2,0 %
3. Sulfates (SO_4):	≤0,5 %
4. Chlorides (Cl):	≤0,1 %
5. Iron (Fe):	≤0,1 %
6. Silicium (Si):	≤0,1 %
7. Alkali and alkaline-earth metals (as sulfates expressed as Na_2O):	≤0,2 %

Standard packing

25 kg paper bag with polyethylene inliner (50 μm)

Available on request

Other customer-specific packing, specification

Shelf life

1 year

Storage recommendation

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

Application

In the oil, gas and chemical industries as a flame retardant, adsorbent, gas dryer, reforming catalyst, catalyst carrier, in the production of fireproof and chemically resistant materials

Certification

ISO 9001:2015

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Hazards Identification

Not a hazardous substance or mixture
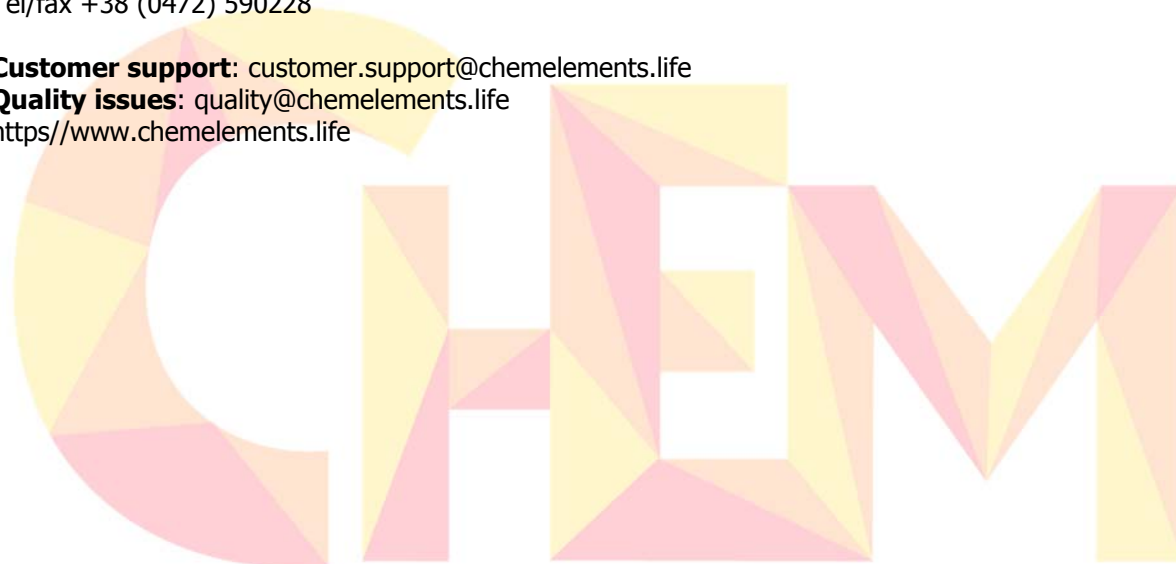
Transport Information

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
74, Khimikov avenue, Cherkassy, 18028, Ukraine
Tel/fax +38 (0472) 590228

Customer support: customer.support@chemelements.life
Quality issues: quality@chemelements.life
https//www.chemelements.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.