

Technical Data Sheet

Scandium Granules

Product ID: 2100GN001 - 2100GN003

Formula: Sc

Molecular weight: 44.96 g/mol

CAS No.: 7440-20-2

EINECS No.: 231-129-2

Color: Metallic grey

Description: Scandium granules provide stable quality and are easy to use in alloy production and material development.

Application: Used in aluminium-scandium alloys, metallurgical research, and aerospace materials.

**Product
Image:**



1. Sizes

Product ID	Formula	Size
2100GN001	Sc (99.9%)	3 mm - 10 mm
2100GN002	Sc (99.99%)	5 mm - 15 mm
2100GN003	Sc (99.999%)	3 mm - 10 mm
2100GN3NDZ	Sc (99.9%)	Customized
2100GN4NDZ	Sc (99.99%)	Customized
2100GN5NDZ	Sc (99.999%)	Customized

2. Chemical compositions

		Chemical Compositions (ppm)				
Main Content			TREM ≥99%, Dy/TREM ≥99.9%			
RE Impurities (ppm)						
La	Sm	Er	Gd	Dy	Lu	Y
≤ 100	≤ 50	≤ 50	≤ 100	≤ 50	≤ 100	≤ 200
Non-RE Impurities (ppm)						
Fe	Si	Ca	Mg	Al	Ni	Ti
≤ 500	≤ 1500	≤ 500	≤ 500	≤ 500	≤ 500	≤ 300

Main Content			TREM ≥99.5%, Dy/TREM ≥99.99%			
RE Impurities (ppm)						
La	Sm	Er	Gd	Dy	Lu	Y
≤ 15	≤ 5	≤ 5	≤ 10	≤ 5	≤ 15	≤ 25
Non-RE Impurities (ppm)						
Fe	Si	Ca	Mg	Al	Ni	Ti
≤ 200	≤ 500	≤ 200	≤ 200	≤ 200	≤ 200	≤ 100
Main Content			TREM ≥99.9%, Dy/TREM ≥99.999%			
RE Impurities (ppm)						
La	Sm	Er	Gd	Dy	Lu	Y
≤ 2.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 4.8
Non-RE Impurities (ppm)						
Fe	Si	Ca	Mg	Al	Ni	Ti
≤ 200	≤ 200	≤ 100	≤ 100	≤ 100	≤ 100	≤ 50

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottled/Bag.

Double vacuum packaging.

Customizable packaging is available upon request

4. Period of Validity

It is recommended to use this product within 12 months (stored under proper conditions). If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

Handle with clean, dry tools and suitable protective equipment, minimizing exposure to moisture, air, and potential sources of contamination.

Store in a tightly sealed container in a cool, dry environment, protected from moisture, oxidation, and physical contamination.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.