HALBLEITER MATERIAL

Email: info@vimaterial.de
Tel: 0049 1626484175

Technical Data Sheet

Nickel Rotary Target

Product ID:	**2800RT001 / 2800RT002**		
Formula:	Ni	**Molecular weight:**	58.69 g/mol
CAS No.:	7440-02-0	**EINECS No.:**	231-111-4
Color:	Silver-gray		
Description:	Nickel rotary targets offer good electrical conductivity, corrosion resistance, and stable sputtering performance, supporting uniform thin-film deposition over large areas.		
Application:	Architectural glass coatings, solar panels, display manufacturing, etc.		
Product Image:			

1. Sizes

Product ID	Formula	Particle Size	Process
2800RT001	Ni (99.95%)	ID 125mm x OD 139mm x 1500mm	Sprayed/Melting
2800RT002	Ni (99.95%)	ID 125mm x OD 133mm x 1550mm	Sprayed/Melting
2800RT3N5DZ	Ni (99.95%)	Customized	Sprayed/Melting

2. Chemical compositions

	Metal impurities (ppm)						
Element / Typical Value / Purity	Al	Ti	Fe	Co	Nb	Ta	W
99.95%	≤ 20	≤ 20	≤ 150	≤ 200	≤ 20	≤ 20	≤ 20

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

Carton/wooden box outer bag.
Double vacuum inner bag.
Custom packaging is available.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

Handle with clean gloves and appropriate lifting tools to prevent surface contamination, scratches, and mechanical damage.

Store in a clean, dry environment with suitable protective packaging to prevent moisture exposure, oxidation, and surface contamination.

Contact Us

Website:www.vimaterial.de
Email: info@vimaterial.de
Tel: 0049 1626484175
Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.