HALBLEITER MATERIAL

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Technical Data Sheet

Magnesium Sputtering Target

Product ID: 1200ST001 - 1200ST003

Formula: Mg **Molecular weight:** 24.31 g/mol

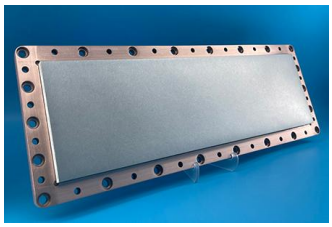
CAS No.: 7439-95-4 **EINECS No.:** 231-104-6

Color: Silver gray

Description: Magnesium sputtering targets offer low density, good electrical conductivity, and a high vapor deposition rate, making them suitable for thin-film coating applications.

Application: Thin-film deposition, optical coatings, electronic devices, etc.

Product Image:



1. Sizes

Product ID	Formula	Size
1200ST001	Mg (99.99%)	150 mm x 75 mm x 3 mm
1200ST001	Mg (99.99%)	Ø 50.8mm x 6.35mm
1200STDZ	Mg (99.99%)	Ø 101.6 mm x 6.35 mm
1200STDZ	Mg (99.99%)	Customized

2. Chemical compositions

	Metal impurities (ppm)						
Element / Typical Value / Purity	Al	Si	Ca	Fe	Cu	Zn	Pb
99.99%	≤ 10	≤ 8	≤ 8	≤ 30	≤ 10	≤ 10	≤ 8

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 the target carefully with clean, dry gloves to avoid surface contamination, oxidation, and mechanical damage.

Store in a dry, well-sealed package in a cool environment to minimize oxidation and moisture exposure.

Contact Us

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