

Technical Data Sheet

Chromium Oxide Sputtering Target

Product ID: 240800ST001 - 240800ST007

Formular: Cr₂O₃

Molecular weight: 151.99 g/mol

CAS No.: 1308-38-9

EINECS No.: 215-160-9

Color: Dark green/Black

Description: Our chromium oxide sputtering targets typically have a purity of ≥99.9%, with custom sizes available upon request. They offer excellent high-temperature resistance, good chemical stability, and superior electrical insulation properties.

Application: Electronic devices, optical films, high-temperature sensors, surface decoration, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
240800ST001	Cr ₂ O ₃ (99.9%)	Ø 50.8 mm x 3.175 mm
240800ST002	Cr ₂ O ₃ (99.9%)	Ø 50.8 mm x 6.35 mm
240800ST003	Cr ₂ O ₃ (99.9%)	Ø 76.2 mm x 3.175 mm
240800ST004	Cr ₂ O ₃ (99.9%)	Ø 76.2 mm x 6.35 mm
240800ST005	Cr ₂ O ₃ (99.9%)	Ø 101.6 mm x 3.175 mm
240800ST006	Cr ₂ O ₃ (99.9%)	Ø 101.6 mm x 6.35 mm
240800ST007	Cr ₂ O ₃ (99.9%)	Ø 152.4 mm x 6.35 mm
240800STDZ	Cr ₂ O ₃ (99.9%)	Customized

2. Chemical compositions

		Metal impurities (ppm)					
Element	Typical Value	Fe	Cu	Mg	Mo	Ni	Al
Purity	99.9%	≤ 300	≤ 100	≤ 50	≤ 100	≤ 100	≤ 250

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.

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

When using, wear a dust mask, ensure proper ventilation, avoid inhalation or skin/eye contact.

Stored in a cool, dry and well-ventilated area, and follow proper procedures for disposal and cleaning to maintain material integrity and safety.

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