THIN FILM MATERIALS · TECHNICAL REFERENCE

Silver Sputtering Target

Typical Specification Sheet · For RFQ planning and technical discussion

NOT A BATCH CERTIFICATE OF ANALYSIS. The values below are an illustrative typical reference model, not measured results for a production lot and not a shipment acceptance certificate. Actual order specifications and batch CoA values must be confirmed in the quotation and purchase documentation.

Ag	4N	100.0000%	PASS
Material	Nominal grade	Closed composition	Arithmetic checks

Reference product definition

Product	Silver Sputtering Target
Material	Ag
Reference grade	4N nominal planning grade (99.99 wt%)
Order-specific details	Planar/rotary configuration, drawing, finished dimensions, tolerances, bonding and backing are per approved quotation; they are not fixed by this reference sheet.

Illustrative typical composition

Values are expressed as weight percent on a closed total-mass basis. They are internally authored planning values and are not copied test data. Total mass basis. The listed main constituent and typical impurity values form one closed 100.0000 wt% planning model.

Constituent	Typical wt%	Equivalent ppm	Status
Ag	**99.9900**	—	Main balance
Cu	0.0030	30	Typical reference
Pb	0.0010	10	Typical reference
Bi	0.0010	10	Typical reference
Fe	0.0010	10	Typical reference
Ni	0.0005	5	Typical reference
Zn	0.0005	5	Typical reference
Al	0.0005	5	Typical reference
Si	0.0005	5	Typical reference
Other	0.0020	20	Typical reference
Total impurities	**0.0100**	**100**	**Arithmetic checked**
COMPOSITION TOTAL	**100.0000**	—	**PASS**

ARITHMETIC VALIDATION: Ag 99.9900 wt% + listed impurities 0.0100 wt% = 100.0000 wt%. Individual impurity ppm sum = 100 ppm. All checks PASS.

Information to include in an RFQ

• target geometry and drawing/revision • finished dimensions and tolerances • required purity basis and controlled impurities
• planar or rotary configuration • bonding/backing requirement • quantity and inspection/document requirements

Final suitability depends on the deposition system, process conditions, requested geometry, and agreed acceptance criteria. Request an order-specific quotation and, where applicable, the actual batch CoA before use.