

Ag 99.99% Ø1mm 500g (~6068cm) - P0481544

Specifications

Coating material	Silver
Purity	99.99%
Form	Wire
Dimensions	Ø 1 mm
Quantity	500 g
Theoretical density at 20°C in g/cm ³	10.5
Melting point in °C	962

Temperature at vapor pressure

10 ⁻² mbar in °C	1020
10 ⁻¹ mbar in °C	1150
Boiling point in °C	2162

Type of evaporation

Melting	Good
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Evaporation source (typically)

E-gun

Directly from Cu crucible	Good
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Liner material

Mo	Good
C	Good

Boat

Boat material

W	Good
Mo	Good
Ta	Possible

Specific evaporation conditions

Preparation of base melt (premelt)	Good
Low residual pressure	Good

Film refractive index n / extinction coefficient k

at 550 nm: n	0.120-0.129
at 550 nm: k	3.25-3.45
at 10 μm : n	13.11
at 10 μm : k	53.7($\sim$ 9.9 μm)