

AgCu1.5 99.99% 2.0-5.0mm 100g (ca. 98.5g) - P0700434

Specifications

Coating material	Silver-Copper
Purity	99.99%
Form	Granulate
Dimensions	2.0 - 5.0 mm
Quantity	100 g
Theoretical density at 20°C in g/cm ³	~ 10.5
Melting point in °C	~ 950

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	Possible
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Liner material

Mo	Good
C	Good

Boat

Boat material

W	Good
Mo	Good

Specific evaporation conditions

Preparation of base melt (premelt)	Possible
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($\sim 9.9 \mu\text{m}$)