

Ni 99.95% 3x10x10mm 100pcs - 0481618

Specifications

Coating material	Nickel
Purity	99.95%
Form	Tile
Dimensions	3 x 10 x 10 mm
Quantity	100 pcs
HazardPictogram	GHS07
Statement	Danger
Theoretical density at 20°C in g/cm ³	8.9
Melting point in °C	1455

Temperature at vapor pressure

10 ⁻² mbar in °C	1510
10 ⁻¹ mbar in °C	1680
Boiling point in °C	2913

Type of evaporation

Melting	Good
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Evaporation source (typically)

E-gun

Directly from Cu crucible	Possible
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Boat

Boat material

W	Possible
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Specific evaporation conditions

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

Film refractive index n / extinction coefficient k

at 550 nm: n	1.75-1.80
at 550 nm: k	~ 3.06 -3.19
at 10 μm : n	6.44
at 10 μm : k	~ 35.3 ($\sim 9.5 \mu\text{m}$)