

Ni 99.95% Ø33x5.3mm 10pcs - 0481725

Specifications

Coating material	Nickel
Purity	99.95%
Form	Discs
Dimensions	Ø 33 x 5.3 mm
Quantity	10 pcs
HazardPictogram	GHS07
Statement	Danger
Theoretical density at 20°C in g/cm³	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

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(~ 9.5 μm)