

Ti 99.9% Starter Slug Ø43.5/30x27mm 30ccm - 0481629

Specifications

Coating material	Titanium
Purity	99.5%
Form	Starter slug
Dimensions	Ø 43.5/30 x 27 mm30 ccm
Quantity	1 pc
Theoretical density at 20°C in g/cm ³	4.5
Melting point in °C	1668

Temperature at vapor pressure

10 ⁻² mbar in °C	1730
10 ⁻¹ mbar in °C	1920
Boiling point in °C	3287

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

Low residual pressure	Good
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Reactive gas pressure	Good
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Ion or plasma assistance

possible	Good
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Film refractive index n / extinction coefficient k

at 550 nm: n	1.86-1.92
at 550 nm: k	2.56-2.67
at 10 μm : n	3.9
at 10 μm : k	19.79(10.3 μm)