

Rena Ø10x6mm 500g - 0484554

Specifications

Coating material	Rena
Form	Tablet
Dimensions	Ø 10 x 6 mm
Quantity	500 g
Theoretical density at 20°C in g/cm ³	~8.9
Melting point in °C	1862-1880

Temperature at vapor pressure

10 ⁻² mbar in °C	2000
10 ⁻¹ mbar in °C	2200

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

W	Good
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Boat

Boat material

W	Possible
Mo	Good

Specific evaporation conditions

Preparation of base melt (premelt)	Possible
Reactive gas pressure	Good

Substrate temperature range

100 - 200 °C	Good
200 - 300 °C	Good

Ion or plasma assistance

desirable / indispensable	Good
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Film transparency

Low	0.35
High	10

Film refractive index n / extinction coefficient k

at 550 nm: n	2.07-2.13
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