

CaF₂ 99.8% 0.7-3.5mm 500g - 0481329

Specifications

Coating material	Calcium fluoride
Purity	99.8%
Form	Granulate
Dimensions	0.7 - 3.5 mm
Quantity	500 g
Theoretical density at 20°C in g/cm ³	3.2
Melting point in °C	1423

Temperature at vapor pressure

10 ⁻² mbar in °C	1280
10 ⁻¹ mbar in °C	1410
Boiling point in °C	~ 2500

Type of evaporation

Melting	Possible
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Evaporation source (typically)

E-gun

Liner material

Mo	Good
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Boat

Boat material

W	Good
Ta	Good

Specific evaporation conditions

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

Substrate temperature range

100 - 200 °C	Good
200 - 300 °C	Good

Film transparency

Low	0.15
High	12

Film refractive index n / extinction coefficient k

at 550 nm: n	1.23-1.46
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