

CeO₂ 99.5% 0.7-3.5mm 500g - 0481259

Specifications

Coating material	Cerium oxide
Purity	99.5%
Form	Granulate
Dimensions	0.7 - 3.5 mm
Quantity	500 g
Theoretical density at 20°C in g/cm ³	7.1
Melting point in °C	2727

Temperature at vapor pressure

10 ⁻² mbar in °C	1660
10 ⁻¹ mbar in °C	1810

Type of evaporation

Sublimation	Good
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Evaporation source (typically)

E-gun

Boat

Boat material

W	Possible
Mo	Good

Specific evaporation conditions

Reactive gas pressure	Possible
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Film transparency

Low	0.4
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High	12
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Film refractive index n / extinction coefficient k

at 550 nm: n	~ 2.2
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