

# CeO<sub>2</sub> 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 <sup>3</sup>	7.1
Melting point in °C	2727

## Temperature at vapor pressure

10 <sup>-2</sup> mbar in °C	1660
10 <sup>-1</sup> 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

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Film refractive index  $n$  / extinction coefficient  $k$

at 550 nm:  $n$

$\sim 2.2$

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