

SiO₂ 99.99% Ø21x5mm 10pcs - 0481630

Specifications

Coating material	Silicon dioxide
Purity	99.99%
Form	Discs
Dimensions	Ø 21 x 5 mm
Quantity	10 pcs
Theoretical density at 20°C in g/cm ³	2.2
Melting point in °C	1720

Temperature at vapor pressure

10 ⁻² mbar in °C	2000
10 ⁻¹ mbar in °C	2200
Boiling point in °C	2230

Evaporation source (typically)

E-gun

Boat

Specific evaporation conditions

Reactive gas pressure	Possible
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Substrate temperature range

< 100 °C	Good
100 - 200 °C	Good
200 - 300 °C	Good

Film transparency

Low	< 0.2
High	9

Film refractive index n / extinction coefficient k

at 550 nm: n 1.45-1.48
