

Cr 99.6% Ø21x5mm 10pcs - 0481605

Specifications

Coating material	Chromium
Purity	99.6%
Form	Discs
Dimensions	Ø 21 x 5 mm
Quantity	10 pcs
Theoretical density at 20°C in g/cm ³	7.2
Melting point in °C	1907

Temperature at vapor pressure

10 ⁻² mbar in °C	1330
10 ⁻¹ mbar in °C	1470
Boiling point in °C	2672

Type of evaporation

Sublimation	Good
-------------	------

Evaporation source (typically)

E-gun

Directly from Cu crucible	Possible
---------------------------	----------

Boat

Boat material

W	Good
---	------

Specific evaporation conditions

Low residual pressure	Good
Reactive gas pressure	Good

Film refractive index n / extinction coefficient k

at 550 nm: n	3.18
at 550 nm: k	4.41
at 10 μm: n	15.3
at 10 μm: k	26.4(8.86 μm)
Application	Adhesion promotion