

NdGaO₃
for Research and Development



CrysTec

KRISTALLTECHNOLOGIE

Growth Method:	Czochralski
Crystal Structure:	orthorhombic
Density (25°C):	7.57 g/cm ³
Lattice Constant:	a = 0.543 nm b = 0.550 nm c = 0.771 nm
Colour:	dark red to violet

Physical Properties:	
Melting Point:	1870 K
Hardness:	5.9 (Mohs)
Thermal Expansion:	9 x 10 ⁻⁶ K ⁻¹
Dielectric Constant:	20
Loss Tangent	3 x 10 ⁻³

Orientation:	(110), (100), (001)
Standard Size:	Ø 1", Ø 2", 10 x 10 mm ²
Standard Thickness:	0.5 mm, 1 mm
Surface:	one- or both side epipolished

► For further information please feel free to ask.