

SrLaGaO₄
for Research and Development



CrysTec

KRISTALLTECHNOLOGIE

Growth Method:	Czochralski
Crystal Structure:	tetragonal
Density (25°C):	6.39 g/cm ³
Lattice Constant:	a = 0.384 nm c = 1.268 nm
Colour:	yellow to green

Physical Properties:	
Melting Point:	1790 K
Hardness:	- (Mohs)
Thermal Expansion:	10 x 10 ⁻⁶ K ⁻¹
Dielectric Constant:	22
Loss Tangent	5.7 x 10 ⁻⁵

Orientation:	(100), (001), (110)
Standard Size:	10 x 10 mm ² , 15 x 15 mm ² 10 x 5 mm ² , 5 x 5 mm ²
Standard Thickness:	0.5 mm, 1 mm
Surface:	one- or both side epipolished

► For further information please feel free to ask.