

SrLaAlO₄
for Research and Development



CrysTec

KRISTALLTECHNOLOGIE

Growth Method:	Czochralski
Crystal Structure:	tetragonal
Density (25°C):	5.92 g/cm ³
Lattice Constant:	a = 0.375 nm c = 1.263 nm
Colour:	yellow

Physical Properties:	
Melting Point:	1920 K
Hardness:	7 (Mohs)
Thermal Expansion:	10 x 10 ⁻⁶ K ⁻¹
Dielectric Constant:	17
Loss Tangent	8 x 10 ⁻⁴

Orientation:	(100), (001), (110)
Standard Size:	10 x 10 mm ² , 20 x 20 mm ² 15 x 15 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.