

Strontium Lanthanum Gallate

Formula	SrLaGaO ₄
Crystal Growth	
Growth Method	Czochralski
Max. Diameter (mm)	Ø18-20
Crystallographic Properties	
Crystal Structure	tetragonal
Lattice Constant (nm)	a = 0.3843 c = 1.268
Physical Properties	
Color	colorless to yellow
Density (g/cm ³)	6.389
Melting Point (K)	1793
Thermal Expansion (10 ⁻⁶ K ⁻¹)	189 c, 10.1 ⊥ c
Dielectric Constant	22
Loss Tangent (@ 77K, 10GHz)	5.7x10 ⁻³

