

## Calcium Fluoride (CaF<sub>2</sub>)

<b>Formula</b>	CaF <sub>2</sub>
<b>Crystal Growth</b>	
Growth Method	Stockbarger technique
Max. Diameter (mm)	Ø 200
Growth Direction	[111]
<b>Crystallographic Properties</b>	
Crystal Structure	cubic
Lattice Constant (nm)	a = 0.5462
Cleavage	(111)
<b>Physical Properties</b>	
Color	colorless
Density (g/cm <sup>3</sup> )	3.18
Melting Point (K)	1691
Thermal Expansion (10 <sup>-6</sup> K <sup>-1</sup> )	18,85
Dielectric Constant (1 MHz)	6,76
Hardness (Mohs)	4

