

Chemical Formula	CaF ₂
Refractive Index (1.01 μm)	1.43
Knoop Hardness (psi)	158
Modulus of Rupture (psi)	5300
Useful Wavelength Range, Transmission (μm)	0.15-8.0
Useful Wavelength Range, ATR (μm)	0.37-7.0
Maximum Useful Temperature (C°)	900
Melting Point (C°)	1360
General Properties	Withstands high pressure; very hard; low refractive index; colorless.
Chemical Properties	Weakly soluble in water; resists most acids and bases; incompatible with NH ₄ salts; insoluble in acetone.
Clean with...	Acetone, alcohol.

This was compiled from various sources. For more details, consult the Chemical Abstracts Service at www.cas.org.

Transmission Spectrum

