

Chemical Formula	ZnSe
Refractive Index (10.6 μm)	2.40
Knoop Hardness (psi)	150
Modulus of Rupture (psi)	8000
Useful Wavelength Range, Transmission (μm)	0.5-20
Useful Wavelength Range, ATR (μm)	0.5-14.3
Maximum Useful Temperature (C°)	300
Melting Point (C°)	1525
General Properties	Withstands limited mechanical and thermal shock; can be cracked by uneven pressure; toxic; yellow.
Chemical Properties	Incompatible with acids and strong alkalis; insoluble in water and organic solvents; non-hygroscopic.
Clean with...	Alcohol, acetone, water.

This was compiled from various sources. For more details, consult the Chemical Abstracts Service at [www.cas.org](http://www.cas.org).

### Transmission Spectrum

