

Chemical Formula	TlBr-TlI
Refractive Index (10.6 μm)	2.37
Knoop Hardness (psi)	40
Modulus of Rupture (psi)	3800
Useful Wavelength Range, Transmission (μm)	0.6-60
Useful Wavelength Range, ATR (μm)	0.7-30
Maximum Useful Temperature (C°)	200
Melting Point (C°)	414.5
General Properties	Deforms under pressure; temperature sensitive; toxic; does not easily fracture; waxy quality; tendency to cold flow; reddish-orange.
Chemical Properties	Incompatible with complexing agents; soluble in bases; incompatible with solutions of ammonium salts; slightly soluble in water.
Clean with...	MEK.

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

Transmission Spectrum

