

Chemical Formula	SiO ₂
Refractive Index (1.00 μm)	1.45
Knoop Hardness (psi)	461
Modulus of Rupture (psi)	7100
Useful Wavelength Range, Transmission (μm)	0.18-2.20; 2.9-3.6
Useful Wavelength Range, ATR (μm)	0.2-2.0
Melting Point (C°)	1710
General Properties	Pure amorphous SiO ₂ ; useful at high temperatures; strong; colorless.
Chemical Properties	Insoluble in water; soluble in HF; inert to most solvents; very slightly soluble in alkalis.
Clean with...	Water.

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

Transmission Spectrum

