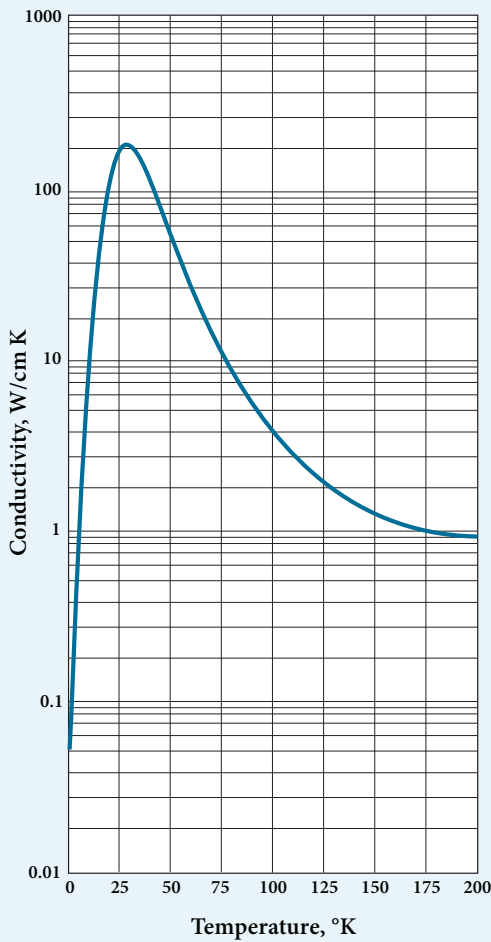
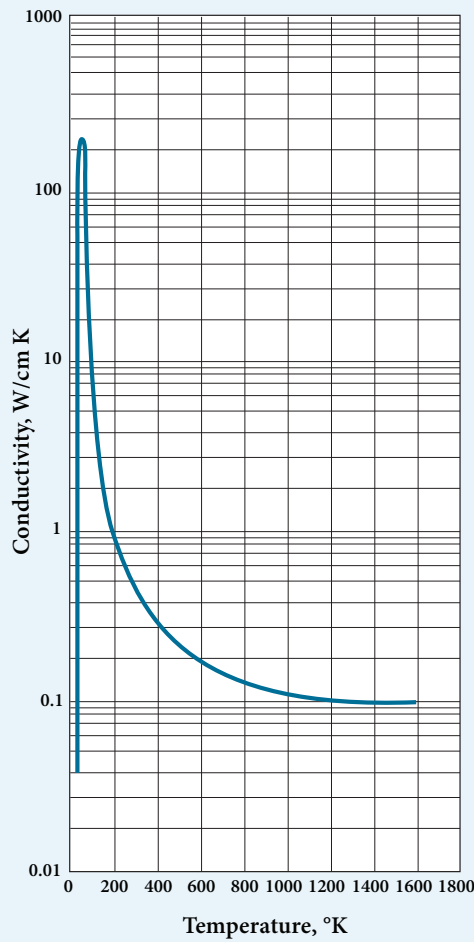


Sapphire Properties: Thermal, Electrical and Optical

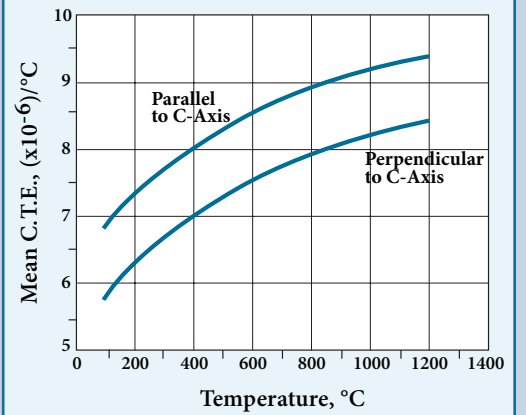
Thermal Conductivity (0° to 200°K)



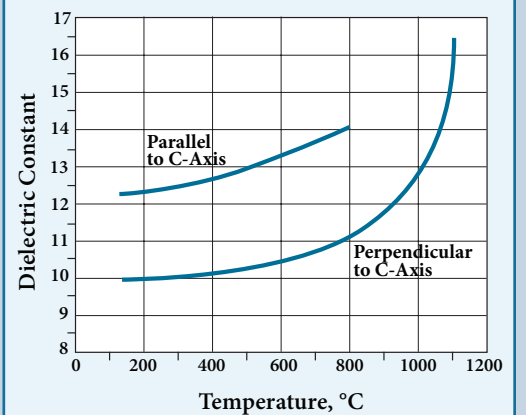
Thermal Conductivity (0° to 1800°K)



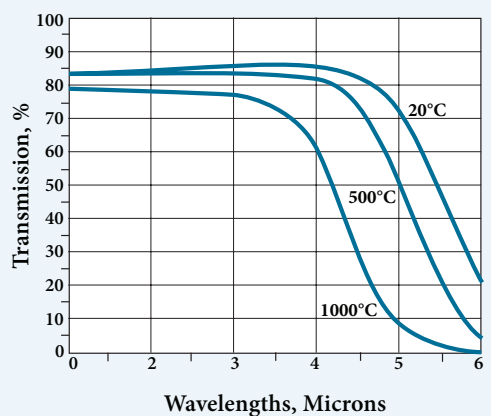
Thermal Expansion Vs Temperature



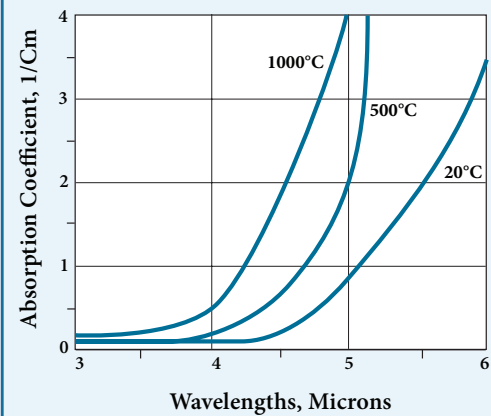
Dielectric Constant Vs Temperature



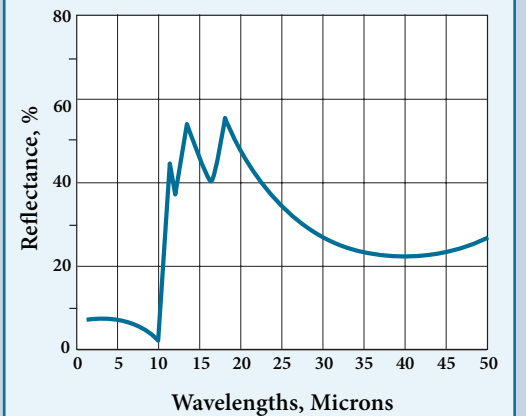
IR Transmission Vs Wavelength



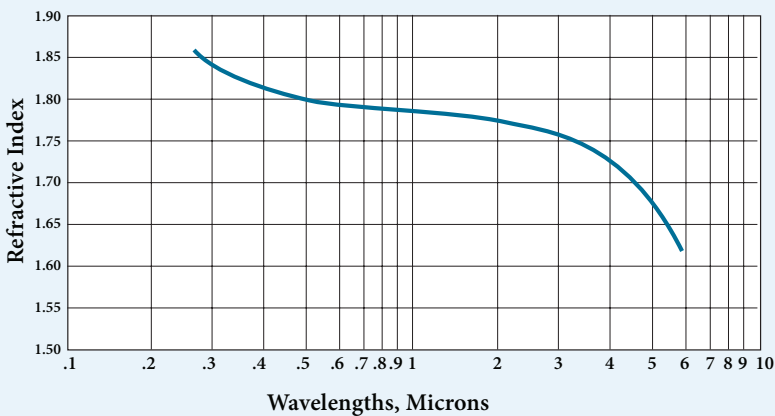
Absorption Coefficient Vs Wavelength



Reflectance Vs Wavelength



Refractive Index Vs Wavelength



Transmission Vs Wavelength @ 0.8mm Thickness

