

Indices of Refraction for Various Substances*

Solids at 20°C	<i>n</i>	Liquids at 20°C	<i>n</i>	Gases at 0°C, 1 atm	<i>n</i>
cubic zirconia	2.20	benzene	1.501	air	1.000 293
diamond	2.419	carbon disulfide	1.628	carbon dioxide	1.000 450
fluorite	1.434	carbon tetrachloride	1.461		
fused quartz	1.458	ethyl alcohol	1.361		
glass, crown	1.52	glycerine	1.473		
glass, flint	1.66	water	1.333		
ice (at 0°C)	1.309				
polystyrene	1.49				
sodium chloride	1.544				
zircon	1.923				

*measured with light of vacuum wavelength = 589 nm