





Table 21.1 Refractive Indices for Some Transparent Materials

<i>Material</i>	<i>Average Index of Refraction</i>
Ceramics	
Silica glass	1.458
Borosilicate (Pyrex) glass	1.47
Soda–lime glass	1.51
Quartz (SiO ₂)	1.55
Dense optical flint glass	1.65
Spinel (MgAl ₂ O ₄)	1.72
Periclase (MgO)	1.74
Corundum (Al ₂ O ₃)	1.76
Polymers	
Polytetrafluoroethylene	1.35
Polymethyl methacrylate	1.49
Polypropylene	1.49
Polyethylene	1.51
Polystyrene	1.60



