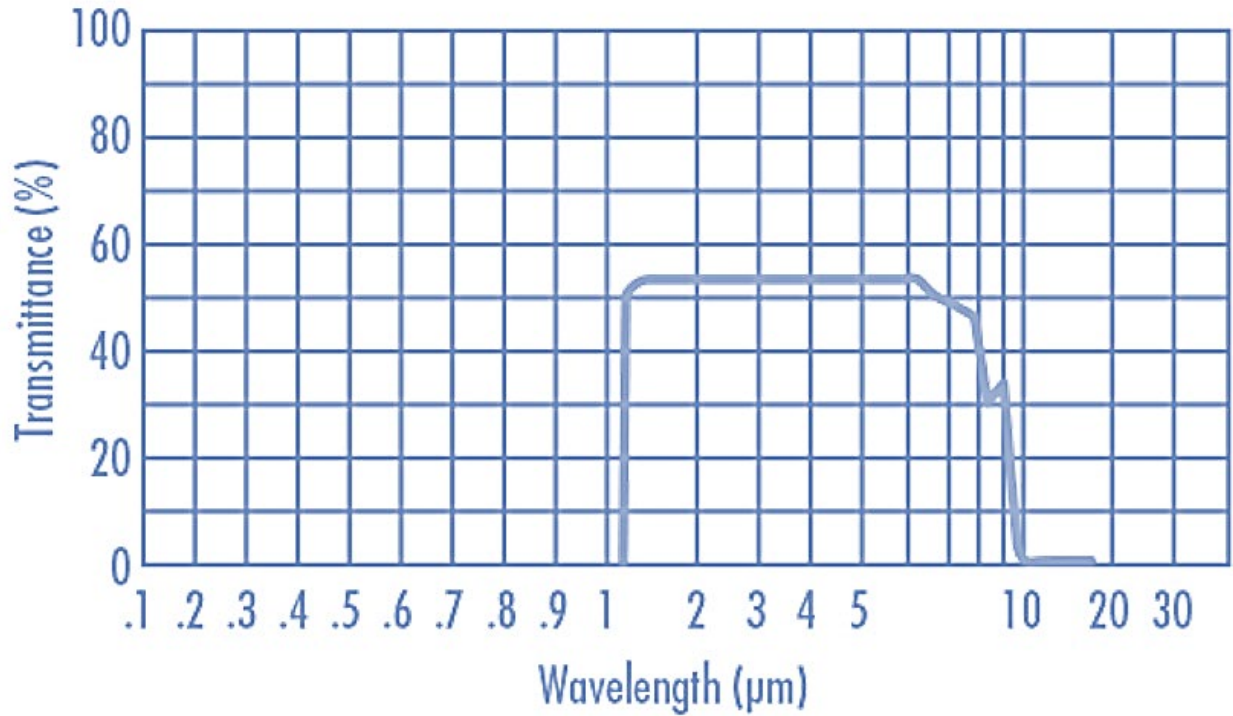


## Silicon



Properties	Values
<b>Transmission Range</b>	1.2 to 15 μm
<b>Refractive Index</b>	3.4223 @ 5 μm
<b>Reflection Loss</b>	46.2% at 5 μm
<b>Absorption Coefficient</b>	0.01 cm <sup>-1</sup> at 3 μm
<b>Reststrahlen Peak</b>	n/a
<b>dn/dT</b>	160 x 10 <sup>-6</sup> /°C
<b>dn/dμ = 0</b>	10.4 μm
<b>Density</b>	2.33 g/cc