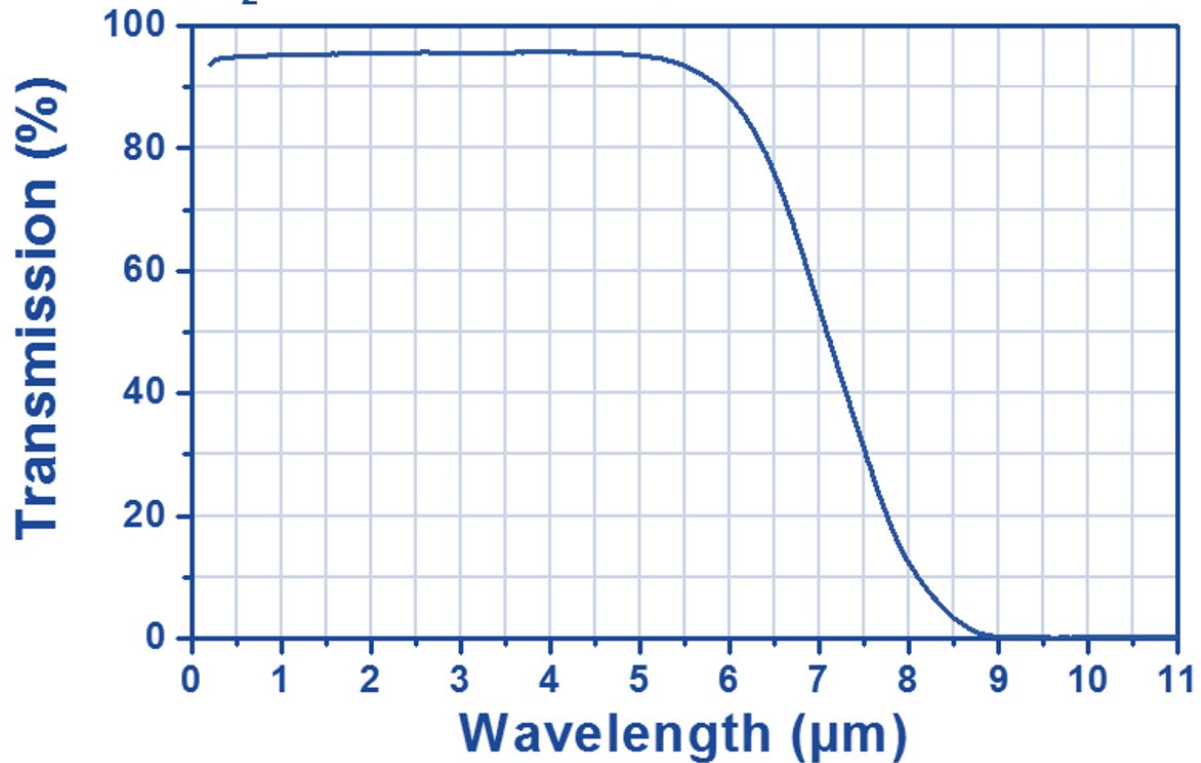


## MgF<sub>2</sub> Transmission (10 mm Thick Sample)



Properties	Values
Transmission Range	0.12 to 7 μm
Refractive Index	1.413 at 0.22 μm
Reflection Loss	5.7% at 0.22 μm
Absorption Coefficient	40 x 10 <sup>-3</sup> cm <sup>-1</sup> at 2.7 μm
Reststrahlen Peak	20 μm
dn/dT	2.3 (para) 1.7 (perp) at 0.4 μm
dn/dμ = 0	1.4 μm
Density	3.18g/cc