

# Optical Materials

Materials	Purity	Refractive Index	Wavelength	Materials	Purity	Refractive Index	Wavelength
Si	99.99-99.999%	4.2	550nm	SiO2	99.9-99.99%	1.46	500nm
Mo	99.9-99.99%	3.71	500nm	MgF2		1.37	550nm
Hf	99.5-99.9%	3.64	500nm	Cu	99.9-99.99%	1.13	500nm
CdTe	99.9-99.999%	3.12	500nm	Al	99.5-99.999%	0.75	500nm
Cr	99.90%	2.75	500nm	Ag	99.9-99.99%	0.13	500nm
Ta	99.9-99.99%	2.73	500nm	AlTi	50:50,60:40,67:33, 70:30at%		
Ti3O5	99.99%	2.63	550nm	AZO	ZnO:Al2O3, 98:2wt%		
TiO2	99.99%	2.4	500nm	ClGS	99.995-99.999%		
Cr2O3	99.90%	2.4	1800nm	CrAl	on request		
TiO	99.99%	2.35	500nm	CrMo	on request		
Zr	99.99%	2.32	500nm	CrNi	50:50,60:40,70:30, 80:20at%		
Nb2O5	99.9-99.99%	2.3	550nm	CrSi	on request		
AlN	99%	2.17	500nm	CrTi	on request		
Ta2O5	99.9-99.99%	2.1	550nm	GZO	99.99%		
ZrO2/TiO2	99.9-99.99%	2.1	500nm	HfO2/Al2O3	on request		
ZrO2	99.9-99.99%	2.05	500nm	HfO2/ZrO2	on request		
ITO	90:10wt%,99.99%	2.05	500nm	In	99.99-99.999%		
ZnS	99.99%	2.04	550nm	IZO	99.99%		
ZnO	99.99%	2	550nm	NiV	93:7wt%,min 99.8%		
CeO2	99.5-99.9%	2	500nm	IGZO	99.99%		
HfO2	99.9-99.99% 99.9-99.99%	1.9	500nm	TiAl	on request		
Nb	min99.9%	1.8	500nm	Zn	99.99%		
Y2O3	99.99%	1.79	500nm	ZnAl	99.99%		
Ti	99.9-99.995%	1.78	500nm	ZnO/Al2O3	98:2wt%,min 99.99%		
MgO	99.99%	1.7	550nm	MoS2	on request		
Ni	99.5-99.99%	1.68	500nm	NbO2	99.99%		
Al2O3	99.5-99.999%	1.63	550nm				

