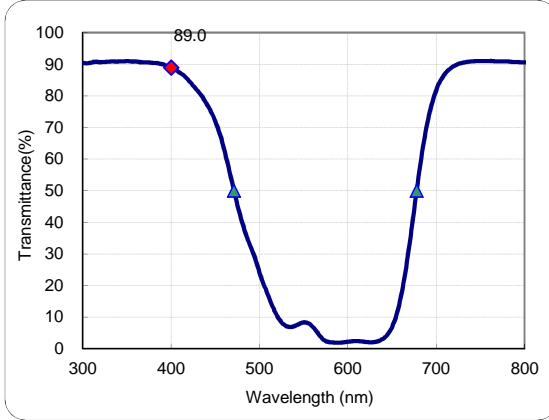


* You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

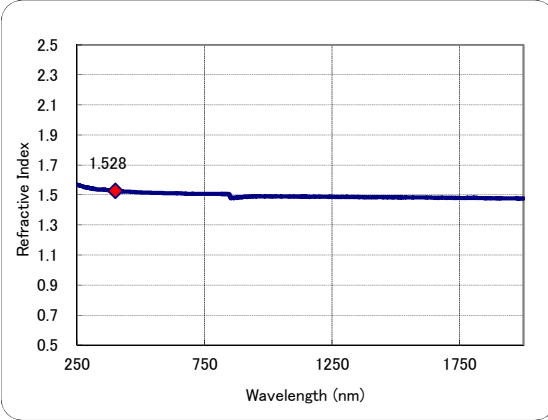
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition	Thickness	1mm
Current data are approximate values.		

● Transmittance



● Refractive index



<Meaning of sign>

- λ (nm) :Wavelength
- T (%) :External Transmittance
- τ :Internal Transmittance
- OD :Optical Density
- n_m :Refractive Index
- k_m :Extinction Coefficient

- ◆ < Set wavelength >
- ▲ <Transmittance50%>
- ▲ <Transmittance50%>
- d-line(587.56nm)
- e-line(546.07nm)

λ (nm)	T(%)	τ	OD	n _m	k _m
400	89.0	0.971	0.05	1.528	9.360E-07
471.1	50.0	0.545	0.30	1.520	2.274E-05
677.9	50.0	0.543	0.30	1.508	3.290E-05
587.56	1.9	0.021	1.71	1.513	1.802E-04
546.07	8.0	0.087	1.10	1.514	1.060E-04

λ (nm)	T(%)	τ	OD	n _m	k _m
300	90.4	0.991	0.04	1.546	2.247E-07
310	90.6	0.993	0.04	1.545	1.855E-07
320	90.6	0.992	0.04	1.541	1.924E-07
330	90.8	0.993	0.04	1.537	1.818E-07
340	90.9	0.994	0.04	1.536	1.672E-07
350	91.0	0.995	0.04	1.536	1.415E-07
360	90.9	0.993	0.04	1.534	1.952E-07
370	90.6	0.990	0.04	1.533	2.928E-07
380	90.4	0.988	0.04	1.531	3.760E-07
390	90.0	0.983	0.05	1.529	5.363E-07
400	89.0	0.971	0.05	1.528	9.360E-07
410	87.3	0.952	0.06	1.526	1.592E-06
420	84.8	0.925	0.07	1.525	2.615E-06
430	81.6	0.889	0.09	1.523	4.014E-06
440	77.5	0.845	0.11	1.523	5.884E-06
450	72.0	0.784	0.14	1.521	8.698E-06
460	63.1	0.688	0.20	1.521	1.369E-05
470	51.3	0.559	0.29	1.520	2.175E-05
480	40.3	0.440	0.39	1.519	3.139E-05
490	32.3	0.353	0.49	1.518	4.065E-05
500	24.1	0.263	0.62	1.517	5.320E-05
510	16.8	0.183	0.77	1.517	6.890E-05
520	10.3	0.113	0.99	1.515	9.036E-05
530	7.2	0.079	1.14	1.515	1.071E-04
540	7.2	0.078	1.14	1.515	1.096E-04
550	8.4	0.091	1.08	1.514	1.049E-04
560	7.0	0.077	1.15	1.514	1.144E-04
570	3.5	0.039	1.45	1.513	1.476E-04
580	2.1	0.023	1.68	1.513	1.751E-04
590	1.9	0.021	1.71	1.513	1.809E-04
600	2.2	0.024	1.66	1.512	1.781E-04
610	2.5	0.027	1.61	1.512	1.758E-04
620	2.2	0.024	1.66	1.512	1.843E-04
630	2.1	0.023	1.67	1.511	1.887E-04
640	3.2	0.035	1.49	1.511	1.710E-04

λ (nm)	T(%)	τ	OD	n _m	k _m
650	6.8	0.074	1.16	1.511	1.344E-04
660	16.4	0.178	0.79	1.510	9.054E-05
670	33.6	0.365	0.47	1.509	5.374E-05
680	54.3	0.591	0.26	1.508	2.850E-05
690	71.4	0.776	0.15	1.508	1.392E-05
700	81.8	0.888	0.09	1.508	6.615E-06
710	87.0	0.944	0.06	1.508	3.229E-06
720	89.4	0.971	0.05	1.508	1.692E-06
730	90.5	0.982	0.04	1.508	1.054E-06
740	90.9	0.987	0.04	1.508	8.002E-07
750	91.0	0.988	0.04	1.508	7.200E-07
760	91.0	0.988	0.04	1.508	7.099E-07
770	91.0	0.987	0.04	1.507	7.937E-07
780	90.9	0.987	0.04	1.507	8.375E-07
790	90.7	0.985	0.04	1.507	9.787E-07
800	90.6	0.983	0.04	1.507	1.075E-06
850	89.6	0.967	0.05	1.487	2.265E-06
900	88.0	0.950	0.06	1.486	3.662E-06
950	86.3	0.933	0.06	1.491	5.212E-06
1000	84.4	0.912	0.07	1.491	7.288E-06
1100	77.2	0.835	0.11	1.489	1.583E-05
1200	63.0	0.681	0.20	1.490	3.664E-05
1300	53.0	0.572	0.28	1.486	5.774E-05
1400	54.1	0.584	0.27	1.484	5.987E-05
1500	51.1	0.552	0.29	1.484	7.084E-05
1600	50.6	0.547	0.30	1.484	7.692E-05
1700	53.0	0.572	0.28	1.480	7.557E-05
1800	54.5	0.588	0.26	1.481	7.594E-05
1900	58.8	0.634	0.23	1.477	6.887E-05
2000	64.6	0.696	0.19	1.477	5.767E-05

Spectrophotometer used HITACHI U-4100.

Date14/12/09