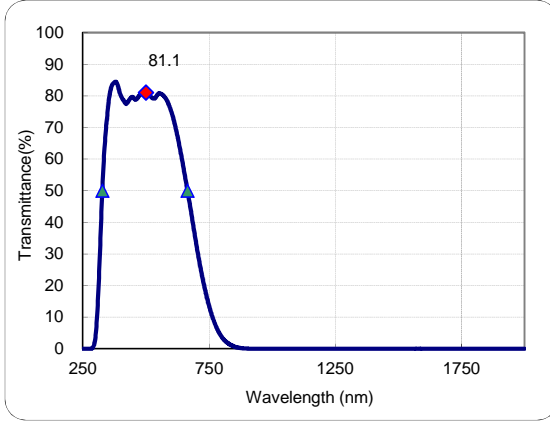


\* You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

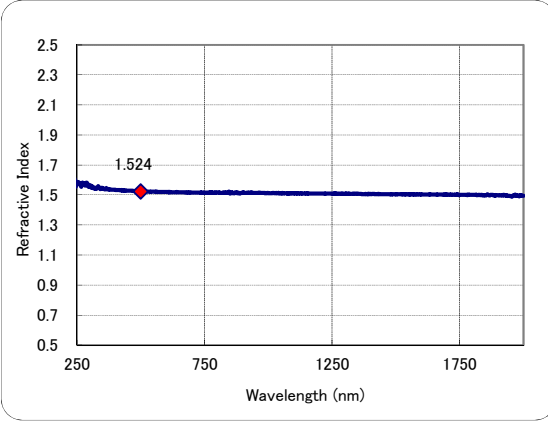
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition   Thickness 3mm  
 Current data are approximate values.

● Transmittance



● Refractive index



<Meaning of sign>

- λ (nm) :Wavelength
- T (%) :External Transmittance
- τ :Internal Transmittance
- OD :Optical Density
- n<sub>m</sub> :Refractive Index
- k<sub>m</sub> :Extinction Coefficient

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

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
500	81.1	0.884	0.09	1.524	1.633E-06
327.4	50.0	0.549	0.30	1.545	5.212E-06
664.7	50.0	0.545	0.30	1.517	1.071E-05
587.56	77.8	0.848	0.11	1.520	2.578E-06
546.07	80.4	0.876	0.09	1.522	1.915E-06

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
250	3.7E-05	4.1E-07	6.43	1.585	9.747E-05
260	3.7E-05	4.1E-07	6.43	1.578	1.014E-04
270	1.1E-04	1.2E-06	5.98	1.577	9.784E-05
280	1.3E-02	1.4E-04	3.89	1.570	6.576E-05
290	0.4	0.004	2.45	1.573	4.254E-05
300	3.6	0.040	1.45	1.559	2.571E-05
310	15.3	0.168	0.82	1.555	1.467E-05
320	34.9	0.384	0.46	1.548	8.130E-06
330	54.5	0.599	0.26	1.553	4.479E-06
340	67.7	0.742	0.17	1.541	2.687E-06
350	76.3	0.837	0.12	1.545	1.648E-06
360	81.8	0.895	0.09	1.537	1.056E-06
370	83.9	0.918	0.08	1.537	8.410E-07
380	84.4	0.924	0.07	1.537	7.976E-07
390	82.9	0.907	0.08	1.536	1.011E-06
400	80.2	0.877	0.10	1.535	1.392E-06
410	78.7	0.861	0.10	1.534	1.630E-06
420	77.5	0.847	0.11	1.531	1.845E-06
430	78.2	0.854	0.11	1.529	1.795E-06
440	79.3	0.867	0.10	1.530	1.670E-06
450	79.6	0.869	0.10	1.529	1.681E-06
460	78.8	0.860	0.10	1.529	1.835E-06
470	79.7	0.870	0.10	1.526	1.740E-06
480	80.6	0.879	0.09	1.526	1.636E-06
490	81.3	0.887	0.09	1.525	1.565E-06
500	81.1	0.884	0.09	1.524	1.633E-06
510	80.6	0.879	0.09	1.523	1.752E-06
520	79.7	0.868	0.10	1.523	1.945E-06
530	79.2	0.863	0.10	1.523	2.065E-06
540	79.6	0.868	0.10	1.521	2.031E-06
550	80.7	0.879	0.09	1.522	1.877E-06
560	80.7	0.879	0.09	1.521	1.912E-06
570	80.1	0.872	0.10	1.520	2.070E-06
580	79.0	0.861	0.10	1.520	2.310E-06
590	77.3	0.842	0.11	1.520	2.690E-06

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
600	75.1	0.818	0.12	1.520	3.188E-06
610	72.4	0.789	0.14	1.519	3.842E-06
620	69.1	0.753	0.16	1.518	4.666E-06
630	65.4	0.712	0.18	1.519	5.675E-06
640	61.2	0.667	0.21	1.519	6.866E-06
650	56.8	0.619	0.25	1.518	8.278E-06
660	52.2	0.569	0.28	1.518	9.879E-06
670	47.6	0.518	0.32	1.517	1.167E-05
680	42.8	0.467	0.37	1.517	1.375E-05
690	37.8	0.412	0.42	1.517	1.622E-05
700	32.9	0.359	0.48	1.515	1.904E-05
710	28.3	0.309	0.55	1.516	2.215E-05
720	24.1	0.262	0.62	1.516	2.555E-05
730	20.2	0.221	0.69	1.515	2.927E-05
740	16.7	0.182	0.78	1.515	3.339E-05
750	13.6	0.149	0.87	1.515	3.793E-05
800	3.8	0.042	1.42	1.515	6.746E-05
850	0.7	0.008	2.14	1.510	1.095E-04
900	0.1	0.001	3.05	1.515	1.657E-04
1000	4.4E-04	4.8E-06	5.36	1.513	3.251E-04
1100	2.7E-03	2.9E-05	4.57	1.511	3.047E-04
1200	3.9E-03	4.2E-05	4.41	1.510	3.208E-04
1300	4.0E-03	4.4E-05	4.40	1.508	3.462E-04
1400	3.2E-03	3.5E-05	4.49	1.507	3.807E-04
1500	1.8E-03	1.9E-05	4.75	1.504	4.321E-04
1600	3.6E-04	3.9E-06	5.44	1.504	5.281E-04
1700	7.4E-03	8.1E-05	4.13	1.502	4.250E-04
1800	1.4E-02	1.5E-04	3.86	1.500	4.210E-04
1900	1.2E-02	1.3E-04	3.93	1.499	4.521E-04
2000	5.7E-03	6.2E-05	4.25	1.495	5.143E-04

Spectrophotometer used HITACHI U-4100.

Date14/12/09