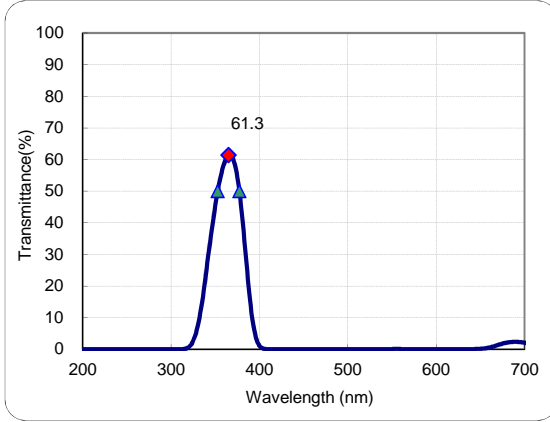


\*You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

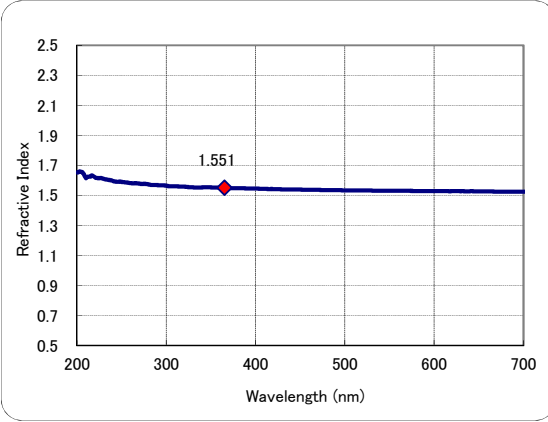
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition	Thickness	5mm
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>
365	61.3	0.674	0.21	1.551	2.289E-06
352.7	50.0	0.550	0.30	1.553	3.356E-06
377.2	50.0	0.549	0.30	1.548	3.598E-06
587.56	1.9E-02	2.1E-04	3.71	1.529	7.914E-05
546.07	5.9E-02	6.5E-04	3.23	1.531	6.380E-05

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
200	1.7E-03	1.9E-05	4.78	1.653	3.464E-05
210	7.5E-05	8.4E-07	6.13	1.615	4.677E-05
220	2.4E-05	2.7E-07	6.62	1.621	5.298E-05
230	2.4E-05	2.7E-07	6.62	1.610	5.541E-05
240	6.3E-06	7.0E-08	7.20	1.597	6.294E-05
250	9.0E-06	1.0E-07	7.04	1.590	6.411E-05
260	1.2E-05	1.4E-07	6.91	1.582	6.545E-05
270	3.9E-06	4.3E-08	7.41	1.578	7.288E-05
280	2.0E-06	2.2E-08	7.70	1.573	7.856E-05
290	2.0E-06	2.2E-08	7.70	1.568	8.137E-05
300	9.0E-06	9.9E-08	7.05	1.564	7.699E-05
310	7.1E-03	0.000	4.15	1.561	4.667E-05
320	0.7	0.007	2.19	1.558	2.515E-05
330	7.2	0.079	1.14	1.554	1.330E-05
340	25.1	0.277	0.60	1.553	6.955E-06
350	45.5	0.500	0.34	1.554	3.858E-06
360	58.7	0.645	0.23	1.551	2.509E-06
370	60.3	0.662	0.22	1.550	2.429E-06
380	43.1	0.473	0.37	1.548	4.522E-06
390	13.8	0.151	0.86	1.546	1.172E-05
400	1.1	0.012	1.97	1.545	2.823E-05
410	2.0E-02	2.2E-04	3.71	1.543	5.507E-05
420	2.5E-04	2.8E-06	5.60	1.542	8.556E-05
430	1.6E-05	1.7E-07	6.81	1.540	1.066E-04
440	6.2E-06	6.8E-08	7.21	1.539	1.156E-04
450	1.2E-05	1.3E-07	6.92	1.539	1.134E-04
460	9.5E-05	1.0E-06	6.02	1.538	1.009E-04
470	9.8E-04	1.1E-05	5.01	1.537	8.557E-05
480	6.4E-03	7.0E-05	4.19	1.536	7.307E-05
490	2.1E-02	2.3E-04	3.69	1.535	6.548E-05
500	3.4E-02	3.7E-04	3.47	1.534	6.280E-05
510	3.8E-02	4.1E-04	3.43	1.533	6.328E-05
520	2.9E-02	3.2E-04	3.53	1.532	6.657E-05
530	2.7E-02	2.9E-04	3.57	1.532	6.857E-05
540	4.1E-02	4.4E-04	3.39	1.531	6.634E-05

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
550	7.1E-02	7.8E-04	3.15	1.531	6.267E-05
560	7.1E-02	7.8E-04	3.15	1.530	6.381E-05
570	3.2E-02	3.5E-04	3.50	1.530	7.219E-05
580	1.8E-02	1.9E-04	3.75	1.530	7.890E-05
590	2.0E-02	2.2E-04	3.70	1.529	7.906E-05
600	2.6E-02	2.9E-04	3.58	1.529	7.791E-05
610	3.1E-02	3.4E-04	3.51	1.528	7.762E-05
620	2.5E-02	2.8E-04	3.59	1.528	8.079E-05
630	2.4E-02	2.7E-04	3.61	1.528	8.252E-05
640	4.5E-02	5.0E-04	3.34	1.528	7.750E-05
650	1.4E-01	1.6E-03	2.85	1.527	6.687E-05
660	0.5	0.006	2.29	1.527	5.443E-05
670	1.3	0.014	1.88	1.525	4.521E-05
680	2.1	0.023	1.68	1.524	4.093E-05
690	2.3	0.025	1.63	1.524	4.035E-05
700	2.1	0.023	1.68	1.524	4.219E-05
750	3.5E-01	3.8E-03	2.46	1.524	6.651E-05
800	4.9E-02	5.4E-04	3.31	1.523	9.583E-05
900	1.8E-02	1.9E-04	3.75	1.509	1.224E-04
1000	1.1E-01	1.2E-03	2.95	1.508	1.068E-04
1100	5.0E-01	5.4E-03	2.30	1.508	9.144E-05
1200	8.6E-01	9.4E-03	2.06	1.505	8.917E-05
1300	1.2	0.013	1.94	1.502	9.051E-05
1400	1.8	0.020	1.74	1.502	8.728E-05
1500	2.4	0.026	1.62	1.502	8.724E-05
1600	3.0	0.033	1.52	1.498	8.687E-05
1700	3.5	0.037	1.46	1.496	8.884E-05
1800	3.4	0.037	1.47	1.494	9.440E-05
1900	3.8	0.041	1.42	1.496	9.632E-05
2000	4.9	0.053	1.31	1.491	9.348E-05

Spectrophotometer used HITACHI U-4100.

Date22/12/11