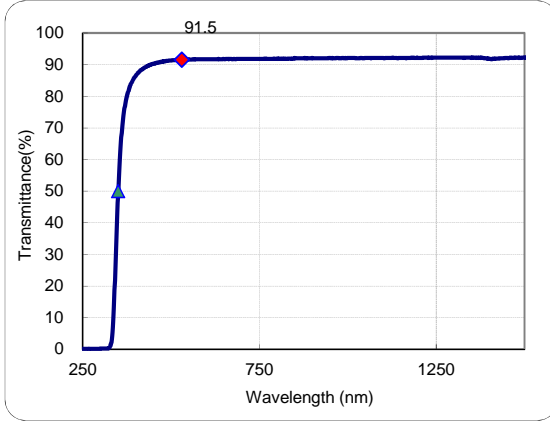


*You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

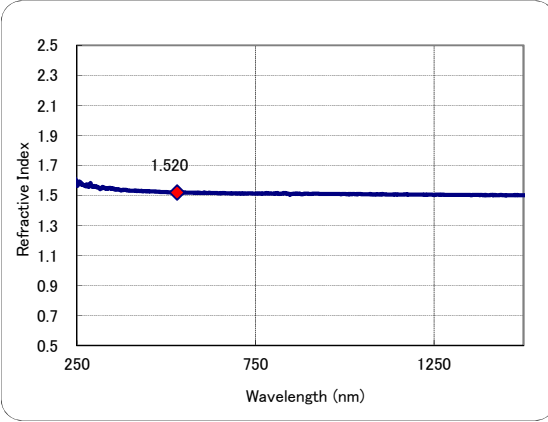
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition	Thickness	2.5mm
Current data are approximate values.		

● Transmittance



● Refractive index



<Meaning of sign>

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

◆ < Set wavelength >
▲ <Transmittance50%>

λ (nm)	T(%)	τ	OD	n_m	k_m
530	91.5	0.997	0.04	1.520	5.310E-08
350.4	50.0	0.549	0.30	1.545	6.693E-06
-	-	-	-	-	-
d-line(587.56nm)	91.7	0.998	0.04	1.517	4.085E-08
e-line(546.07nm)	91.6	0.997	0.04	1.519	4.520E-08

λ (nm)	T(%)	τ	OD	n_m	k_m
250	0.1	9.4E-04	3.07	1.571	5.550E-05
260	0.1	8.4E-04	3.12	1.583	5.859E-05
270	0.1	8.4E-04	3.12	1.568	6.089E-05
280	0.1	0.001	3.04	1.562	6.148E-05
290	0.1	0.001	2.90	1.569	6.073E-05
300	0.2	0.002	2.76	1.560	5.981E-05
310	0.2	0.002	2.67	1.553	5.967E-05
320	0.3	0.003	2.59	1.554	5.969E-05
330	1.6	0.018	1.78	1.547	4.218E-05
340	18.7	0.206	0.73	1.550	1.710E-05
350	49.1	0.539	0.31	1.545	6.889E-06
360	68.3	0.749	0.17	1.540	3.318E-06
370	77.5	0.848	0.11	1.536	1.945E-06
380	82.0	0.897	0.09	1.536	1.313E-06
390	84.8	0.926	0.07	1.533	9.477E-07
400	86.5	0.945	0.06	1.531	7.171E-07
410	87.8	0.959	0.06	1.531	5.480E-07
420	88.7	0.968	0.05	1.530	4.345E-07
430	89.4	0.976	0.05	1.530	3.288E-07
440	89.9	0.981	0.05	1.528	2.627E-07
450	90.3	0.985	0.04	1.527	2.182E-07
460	90.6	0.988	0.04	1.526	1.701E-07
470	90.9	0.991	0.04	1.525	1.388E-07
480	91.0	0.992	0.04	1.524	1.190E-07
490	91.2	0.994	0.04	1.522	9.874E-08
500	91.3	0.995	0.04	1.522	8.673E-08
510	91.4	0.996	0.04	1.521	7.130E-08
520	91.5	0.996	0.04	1.520	6.425E-08
530	91.5	0.997	0.04	1.520	5.310E-08
540	91.6	0.997	0.04	1.520	4.496E-08
550	91.7	0.998	0.04	1.520	3.551E-08
560	91.6	0.997	0.04	1.517	4.957E-08
570	91.7	0.998	0.04	1.518	3.781E-08
580	91.7	0.998	0.04	1.516	3.912E-08
590	91.7	0.998	0.04	1.517	4.064E-08

λ (nm)	T(%)	τ	OD	n_m	k_m
600	91.7	0.998	0.04	1.517	4.692E-08
610	91.7	0.998	0.04	1.517	4.474E-08
620	91.7	0.998	0.04	1.517	3.937E-08
630	91.7	0.998	0.04	1.516	4.261E-08
640	91.7	0.998	0.04	1.515	4.837E-08
650	91.8	0.998	0.04	1.515	4.240E-08
660	91.8	0.998	0.04	1.516	3.346E-08
670	91.8	0.998	0.04	1.514	5.051E-08
680	91.8	0.998	0.04	1.513	5.328E-08
690	91.8	0.998	0.04	1.513	4.911E-08
700	91.8	0.998	0.04	1.514	3.965E-08
710	91.8	0.998	0.04	1.513	5.279E-08
720	91.8	0.998	0.04	1.512	4.311E-08
730	91.8	0.998	0.04	1.513	4.676E-08
740	91.9	0.998	0.04	1.513	3.839E-08
750	91.9	0.998	0.04	1.512	4.288E-08
800	91.9	0.999	0.04	1.512	3.444E-08
850	92.1	0.999	0.04	1.509	5.165E-09
900	92.1	0.999	0.04	1.510	2.127E-09
1000	92.1	0.999	0.04	1.509	5.070E-09
1100	92.1	0.999	0.04	1.506	1.206E-08
1200	92.2	0.999	0.04	1.505	9.037E-09
1300	92.2	0.999	0.04	1.503	4.920E-09
1400	91.9	0.995	0.04	1.501	2.058E-07
1500	92.3	0.999	0.03	1.500	1.183E-08
1600	92.3	0.999	0.03	1.499	1.637E-08
1700	92.2	0.999	0.04	1.497	7.192E-08
1800	92.1	0.997	0.04	1.497	1.580E-07
1900	92.1	0.996	0.04	1.494	2.391E-07
2000	91.9	0.994	0.04	1.491	3.956E-07

Spectrophotometer used HITACHI U-4100.

Date15/12/09