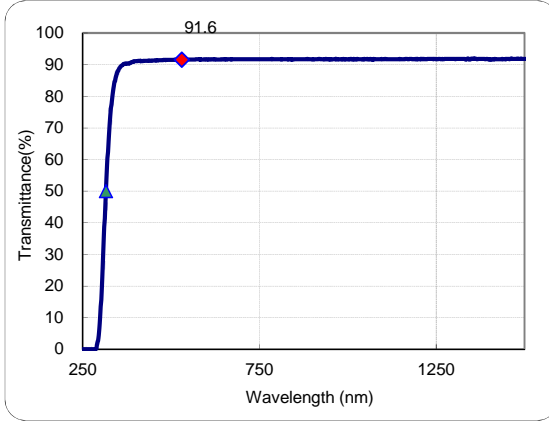


*You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

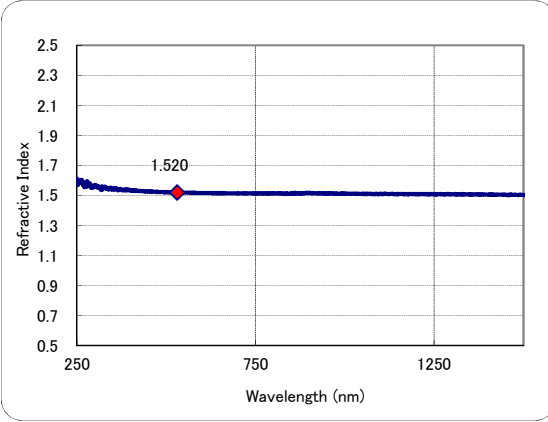
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

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%>
- d-line(587.56nm)
- e-line(546.07nm)

λ (nm)	T(%)	τ	OD	n_m	k_m
530	91.6	0.998	0.04	1.520	4.212E-08
315.4	50.0	0.549	0.30	1.544	6.027E-06
-	-	-	-	-	-
587.56	91.7	0.997	0.04	1.516	5.357E-08
546.07	91.6	0.998	0.04	1.519	4.270E-08

λ (nm)	T(%)	τ	OD	n_m	k_m
250	0.0	0.000	5.61	1.595	1.020E-04
260	0.0	0.000	5.77	1.585	1.090E-04
270	0.0	0.000	5.87	1.572	1.152E-04
280	0.0	0.000	4.99	1.571	1.015E-04
290	1.2	0.013	1.91	1.551	3.979E-05
300	11.6	0.128	0.94	1.569	1.965E-05
310	36.1	0.398	0.44	1.561	9.081E-06
320	60.4	0.666	0.22	1.560	4.146E-06
330	76.3	0.839	0.12	1.552	1.850E-06
340	84.4	0.925	0.07	1.541	8.465E-07
350	88.1	0.966	0.05	1.544	3.882E-07
360	89.7	0.983	0.05	1.544	1.930E-07
370	90.3	0.989	0.04	1.542	1.318E-07
380	90.4	0.989	0.04	1.537	1.385E-07
390	90.8	0.993	0.04	1.533	9.062E-08
400	91.1	0.995	0.04	1.532	5.988E-08
410	91.2	0.996	0.04	1.530	5.658E-08
420	91.2	0.995	0.04	1.529	6.738E-08
430	91.2	0.995	0.04	1.528	6.710E-08
440	91.2	0.995	0.04	1.528	6.530E-08
450	91.3	0.996	0.04	1.526	5.489E-08
460	91.3	0.996	0.04	1.526	5.691E-08
470	91.4	0.997	0.04	1.525	4.421E-08
480	91.5	0.997	0.04	1.521	5.235E-08
490	91.5	0.997	0.04	1.522	5.070E-08
500	91.5	0.997	0.04	1.521	4.672E-08
510	91.6	0.997	0.04	1.521	4.538E-08
520	91.6	0.997	0.04	1.520	4.519E-08
530	91.6	0.998	0.04	1.520	4.212E-08
540	91.6	0.997	0.04	1.519	4.730E-08
550	91.7	0.998	0.04	1.518	4.148E-08
560	91.7	0.998	0.04	1.518	4.202E-08
570	91.7	0.998	0.04	1.517	4.486E-08
580	91.7	0.997	0.04	1.517	4.644E-08
590	91.6	0.997	0.04	1.516	5.522E-08

λ (nm)	T(%)	τ	OD	n_m	k_m
600	91.7	0.997	0.04	1.516	5.460E-08
610	91.7	0.997	0.04	1.515	5.954E-08
620	91.7	0.997	0.04	1.516	5.859E-08
630	91.7	0.997	0.04	1.515	6.430E-08
640	91.7	0.997	0.04	1.515	6.298E-08
650	91.7	0.997	0.04	1.515	6.462E-08
660	91.7	0.997	0.04	1.515	6.268E-08
670	91.7	0.997	0.04	1.514	7.175E-08
680	91.7	0.997	0.04	1.515	6.275E-08
690	91.7	0.997	0.04	1.514	6.842E-08
700	91.7	0.997	0.04	1.513	6.508E-08
710	91.7	0.997	0.04	1.513	6.197E-08
720	91.7	0.997	0.04	1.514	6.665E-08
730	91.7	0.997	0.04	1.514	5.972E-08
740	91.7	0.997	0.04	1.513	7.381E-08
750	91.7	0.997	0.04	1.513	7.611E-08
800	91.7	0.997	0.04	1.513	7.069E-08
850	91.7	0.998	0.04	1.514	6.456E-08
900	91.7	0.997	0.04	1.517	7.677E-08
1000	91.7	0.996	0.04	1.512	1.158E-07
1100	91.7	0.996	0.04	1.510	1.411E-07
1200	91.7	0.996	0.04	1.508	1.572E-07
1300	91.8	0.997	0.04	1.508	1.379E-07
1400	91.7	0.994	0.04	1.505	2.554E-07
1500	91.9	0.996	0.04	1.503	1.908E-07
1600	91.8	0.995	0.04	1.500	2.517E-07
1700	91.7	0.993	0.04	1.497	3.925E-07
1800	91.4	0.989	0.04	1.494	6.558E-07
1900	91.1	0.985	0.04	1.495	8.916E-07
2000	90.6	0.980	0.04	1.492	1.311E-06

Spectrophotometer used HITACHI U-4100.

Date15/12/09