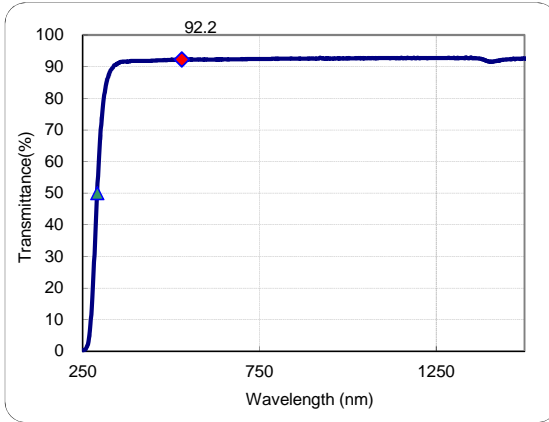


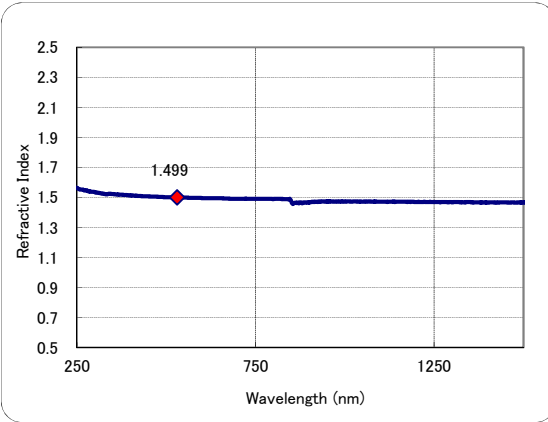
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

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	92.2	0.999	0.04	1.499	1.689E-08
290.7	50.0	0.548	0.30	1.537	5.573E-06
-	-	-	-	-	-
587.56	92.3	0.999	0.03	1.496	2.572E-08
546.07	92.3	0.999	0.03	1.498	1.543E-08

λ (nm)	T(%)	τ	OD	n_m	k_m
250	0.3	0.004	2.48	1.563	4.460E-05
260	0.9	0.010	2.03	1.552	3.796E-05
270	6.3	0.070	1.20	1.547	2.289E-05
280	23.5	0.258	0.63	1.543	1.209E-05
290	48.3	0.529	0.32	1.537	5.871E-06
300	68.5	0.750	0.16	1.535	2.747E-06
310	80.3	0.877	0.10	1.531	1.292E-06
320	86.1	0.939	0.06	1.526	6.368E-07
330	89.0	0.970	0.05	1.522	3.221E-07
340	90.4	0.986	0.04	1.524	1.531E-07
350	91.1	0.993	0.04	1.523	7.967E-08
360	91.5	0.997	0.04	1.520	3.994E-08
370	91.6	0.997	0.04	1.519	3.352E-08
380	91.6	0.997	0.04	1.517	3.730E-08
390	91.8	0.999	0.04	1.515	1.723E-08
400	91.8	0.998	0.04	1.513	2.290E-08
410	91.8	0.998	0.04	1.512	2.485E-08
420	91.8	0.997	0.04	1.510	3.755E-08
430	91.8	0.997	0.04	1.508	4.325E-08
440	91.8	0.997	0.04	1.507	4.838E-08
450	91.9	0.997	0.04	1.506	4.160E-08
460	92.0	0.998	0.04	1.506	2.976E-08
470	92.0	0.998	0.04	1.505	2.850E-08
480	92.1	0.998	0.04	1.504	2.351E-08
490	92.1	0.998	0.04	1.502	2.574E-08
500	92.2	0.999	0.04	1.501	1.987E-08
510	92.2	0.999	0.04	1.501	2.345E-08
520	92.2	0.999	0.04	1.500	1.682E-08
530	92.2	0.999	0.04	1.499	1.689E-08
540	92.3	0.999	0.04	1.499	1.682E-08
550	92.3	0.999	0.03	1.498	1.492E-08
560	92.3	0.999	0.03	1.498	1.757E-08
570	92.3	0.999	0.03	1.497	2.266E-08
580	92.3	0.999	0.03	1.497	2.053E-08
590	92.3	0.999	0.04	1.496	2.783E-08

λ (nm)	T(%)	τ	OD	n_m	k_m
600	92.3	0.999	0.03	1.495	2.772E-08
610	92.2	0.998	0.04	1.495	3.526E-08
620	92.2	0.998	0.04	1.495	3.819E-08
630	92.3	0.998	0.03	1.495	3.562E-08
640	92.3	0.998	0.03	1.494	4.037E-08
650	92.3	0.998	0.03	1.494	3.571E-08
660	92.3	0.998	0.03	1.493	4.423E-08
670	92.3	0.998	0.03	1.492	4.555E-08
680	92.3	0.998	0.03	1.491	4.901E-08
690	92.4	0.998	0.03	1.491	3.718E-08
700	92.4	0.999	0.03	1.491	3.224E-08
710	92.4	0.998	0.03	1.491	3.957E-08
720	92.4	0.999	0.03	1.491	2.363E-08
730	92.4	0.999	0.03	1.491	2.213E-08
740	92.4	0.999	0.03	1.491	2.500E-08
750	92.4	0.999	0.03	1.490	2.800E-08
800	92.5	0.999	0.03	1.489	2.380E-08
850	92.5	0.995	0.03	1.471	1.416E-07
900	92.6	0.995	0.03	1.466	1.579E-07
1000	92.6	0.996	0.03	1.472	1.260E-07
1100	92.7	0.997	0.03	1.472	9.932E-08
1200	92.7	0.997	0.03	1.469	1.228E-07
1300	92.8	0.997	0.03	1.468	1.278E-07
1400	91.6	0.984	0.04	1.466	7.108E-07
1500	92.6	0.994	0.03	1.466	2.672E-07
1600	92.7	0.995	0.03	1.464	2.769E-07
1700	92.6	0.994	0.03	1.462	3.456E-07
1800	92.6	0.993	0.03	1.461	3.844E-07
1900	92.5	0.991	0.03	1.459	5.220E-07
2000	92.0	0.986	0.04	1.457	8.933E-07

Spectrophotometer used HITACHI U-4100.

Date15/12/09