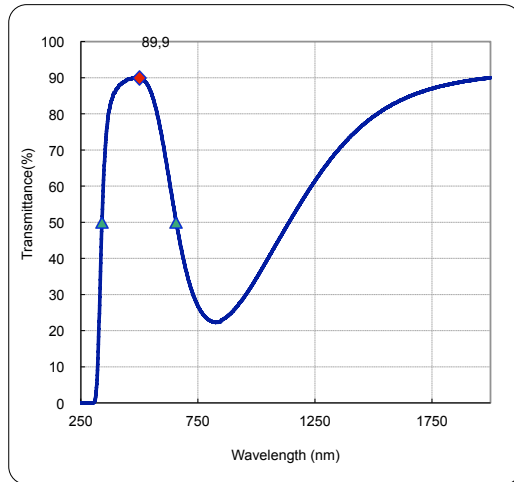


\* You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

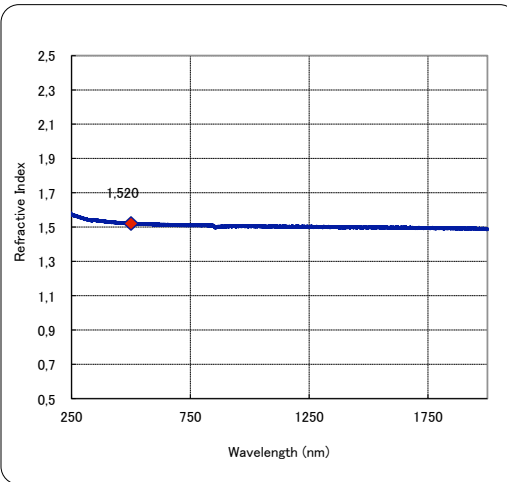
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition thickness **0.4mm**  
**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

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>	
◆ < Set wavelength >	500	89.9	0.979	0.05	1,520	2,100E-06
▲ <Transmittance50%>	340.2	50.0	0.548	0.30	1,541	4,069E-05
▲ <Transmittance50%>	657.7	50.0	0.544	0.30	1,514	7,960E-05
d-line(587.56nm)	587.56	76.5	0.833	0.12	1,516	2,136E-05
e-line(546.07nm)	546.07	86.5	0.942	0.06	1,518	6,528E-06

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
250	1,5E-02	1,7E-04	3,81	1,574	4,318E-04
260	9,3E-03	1,0E-04	4,03	1,568	4,752E-04
270	5,6E-03	6,2E-05	4,25	1,565	5,204E-04
280	3,7E-03	4,1E-05	4,43	1,558	5,632E-04
290	3,2E-03	3,6E-05	4,49	1,554	5,907E-04
300	6,9E-03	7,6E-05	4,16	1,551	5,659E-04
310	0,6	6,4E-03	2,23	1,547	3,111E-04
320	7,6	0,084	1,12	1,541	1,578E-04
330	27,0	0,296	0,57	1,541	7,991E-05
340	49,6	0,544	0,30	1,540	4,122E-05
350	65,7	0,720	0,18	1,540	2,290E-05
360	75,2	0,823	0,12	1,538	1,391E-05
370	80,7	0,883	0,09	1,537	9,144E-06
380	83,5	0,913	0,08	1,535	6,881E-06
390	85,5	0,935	0,07	1,533	5,235E-06
400	86,6	0,946	0,06	1,531	4,412E-06
410	87,4	0,954	0,06	1,530	3,801E-06
420	88,1	0,962	0,05	1,528	3,224E-06
430	88,7	0,968	0,05	1,527	2,809E-06
440	89,0	0,971	0,05	1,526	2,556E-06
450	89,6	0,977	0,05	1,525	2,104E-06
460	89,7	0,978	0,05	1,524	2,059E-06
470	89,9	0,980	0,05	1,523	1,890E-06
480	90,0	0,981	0,05	1,522	1,863E-06
490	90,1	0,981	0,05	1,521	1,857E-06
500	89,9	0,979	0,05	1,520	2,100E-06
510	89,7	0,977	0,05	1,520	2,394E-06
520	89,2	0,971	0,05	1,519	3,053E-06
530	88,6	0,964	0,05	1,518	3,855E-06
540	87,5	0,952	0,06	1,517	5,302E-06
550	85,9	0,935	0,07	1,517	7,314E-06
560	84,0	0,914	0,08	1,517	1,004E-05
570	81,6	0,889	0,09	1,517	1,341E-05
580	78,9	0,858	0,10	1,516	1,761E-05
590	75,7	0,824	0,12	1,516	2,273E-05

λ (nm)	T(%)	τ	OD	n <sub>m</sub>	k <sub>m</sub>
600	72,2	0,786	0,14	1,515	2,878E-05
610	68,6	0,746	0,16	1,515	3,554E-05
620	64,7	0,704	0,19	1,515	4,330E-05
630	60,7	0,661	0,22	1,514	5,190E-05
640	56,8	0,619	0,25	1,514	6,115E-05
650	53,0	0,576	0,28	1,513	7,125E-05
660	49,1	0,534	0,31	1,513	8,227E-05
670	45,6	0,496	0,34	1,512	9,354E-05
680	42,3	0,460	0,37	1,512	1,051E-04
690	39,2	0,427	0,41	1,511	1,169E-04
700	36,5	0,397	0,44	1,511	1,287E-04
710	34,0	0,370	0,47	1,511	1,405E-04
720	31,8	0,346	0,50	1,511	1,521E-04
730	29,9	0,325	0,52	1,511	1,632E-04
740	28,3	0,308	0,55	1,511	1,736E-04
750	26,8	0,292	0,57	1,511	1,836E-04
800	22,8	0,248	0,64	1,511	2,217E-04
850	22,8	0,247	0,64	1,504	2,362E-04
900	25,4	0,276	0,59	1,503	2,305E-04
1000	3,5E+01	0,375	0,46	1,506	1,949E-04
1100	4,6E+01	0,496	0,34	1,506	1,534E-04
1200	56,5	0,613	0,25	1,504	1,169E-04
1300	6,6E+01	0,716	0,18	1,501	8,653E-05
1400	7,4E+01	8,0E-01	0,13	1,497	6,310E-05
1500	7,9E+01	0,858	0,10	1,498	4,554E-05
1600	83,2	0,900	0,08	1,496	3,339E-05
1700	86,0	0,930	0,07	1,494	2,443E-05
1800	87,8	0,950	0,06	1,495	1,828E-05
1900	89,2	0,964	0,05	1,494	1,372E-05
2000	90,0	0,972	0,05	1,489	1,134E-05

Spectrophotometer used HITACHI U-4100.

Date28/02/11