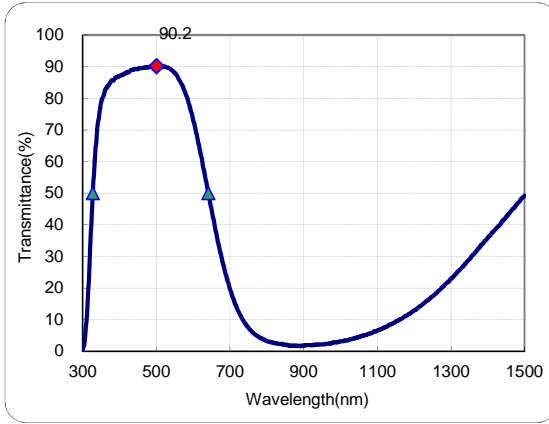


*You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

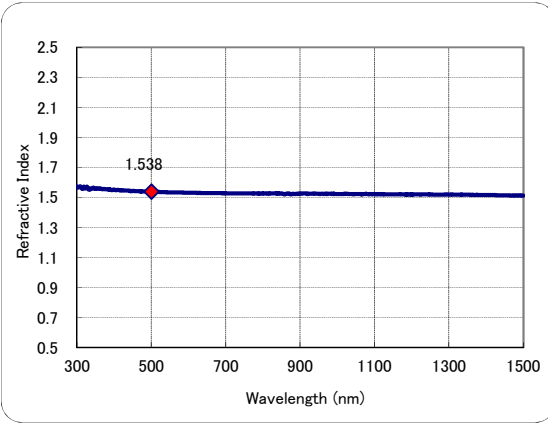
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition	Thickness	1mm
	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%>
- ▲ <Transmittance50%>
- d-line(587.56nm)
- e-line(587.56nm)

λ (nm)	T(%)	τ	OD	n_m	k_m
500	90.2	0.987	0.04	1.538	5.311E-07
327.3	50.0	0.553	0.30	1.571	1.545E-05
641.0	50.0	0.547	0.30	1.529	3.082E-05
587.56	78.6	0.859	0.10	1.532	7.106E-06
546.07	88.4	0.966	0.05	1.534	1.492E-06

λ (nm)	T(%)	τ	OD	n_m	k_m
300	0.7	0.007	2.18	1.573	1.171E-04
310	9.6	0.106	1.02	1.569	5.535E-05
320	32.5	0.360	0.49	1.567	2.605E-05
330	55.7	0.613	0.25	1.558	1.283E-05
340	71.2	0.784	0.15	1.561	6.585E-06
350	78.9	0.868	0.10	1.558	3.945E-06
360	82.3	0.906	0.08	1.558	2.824E-06
370	84.1	0.925	0.08	1.554	2.311E-06
380	85.6	0.941	0.07	1.555	1.843E-06
390	86.5	0.950	0.06	1.551	1.577E-06
400	87.0	0.956	0.06	1.552	1.440E-06
410	87.5	0.961	0.06	1.550	1.307E-06
420	88.3	0.969	0.05	1.549	1.063E-06
430	88.9	0.975	0.05	1.547	8.802E-07
440	89.2	0.978	0.05	1.544	7.754E-07
450	89.2	0.978	0.05	1.543	8.105E-07
460	89.5	0.980	0.05	1.542	7.231E-07
470	89.8	0.984	0.05	1.540	6.222E-07
480	89.9	0.984	0.05	1.539	6.214E-07
490	90.0	0.985	0.05	1.539	5.936E-07
500	90.2	0.987	0.04	1.538	5.311E-07
510	90.1	0.985	0.05	1.537	6.028E-07
520	90.0	0.984	0.05	1.537	6.698E-07
530	89.7	0.981	0.05	1.535	8.136E-07
540	89.1	0.974	0.05	1.534	1.147E-06
550	88.0	0.962	0.06	1.533	1.685E-06
560	86.2	0.942	0.06	1.533	2.682E-06
570	84.1	0.919	0.07	1.532	3.807E-06
580	81.2	0.888	0.09	1.533	5.492E-06
590	77.5	0.847	0.11	1.532	7.802E-06
600	73.1	0.799	0.14	1.531	1.070E-05
610	68.0	0.744	0.17	1.530	1.438E-05
620	62.6	0.684	0.20	1.530	1.875E-05
630	56.6	0.618	0.25	1.530	2.411E-05
640	50.6	0.553	0.30	1.529	3.014E-05

λ (nm)	T(%)	τ	OD	n_m	k_m
650	44.6	0.488	0.35	1.529	3.716E-05
660	38.7	0.423	0.41	1.529	4.524E-05
670	33.2	0.362	0.48	1.529	5.411E-05
680	28.1	0.307	0.55	1.528	6.384E-05
690	23.6	0.258	0.63	1.528	7.438E-05
700	19.6	0.214	0.71	1.527	8.580E-05
710	16.2	0.177	0.79	1.527	9.784E-05
720	13.2	0.145	0.88	1.527	1.108E-04
730	10.9	0.119	0.96	1.527	1.236E-04
740	8.9	0.098	1.05	1.527	1.370E-04
750	7.4	0.080	1.13	1.526	1.504E-04
760	6.1	0.066	1.22	1.527	1.640E-04
770	5.1	0.056	1.29	1.526	1.766E-04
780	4.4	0.048	1.36	1.527	1.888E-04
790	3.8	0.041	1.42	1.525	2.004E-04
800	3.2	0.035	1.49	1.525	2.132E-04
850	2.0	0.022	1.70	1.525	2.585E-04
900	1.8	0.019	1.75	1.525	2.824E-04
950	2.2	0.024	1.66	1.523	2.825E-04
1000	3.2	0.034	1.50	1.523	2.681E-04
1050	4.5	0.049	1.35	1.522	2.524E-04
1100	6.5	0.071	1.19	1.522	2.314E-04
1150	9.3	0.101	1.03	1.520	2.094E-04
1200	12.9	0.141	0.89	1.519	1.871E-04
1250	17.4	0.189	0.76	1.520	1.655E-04
1300	22.9	0.250	0.64	1.519	1.436E-04
1350	29.1	0.317	0.54	1.517	1.235E-04
1400	35.9	0.391	0.44	1.516	1.046E-04
1450	42.4	0.462	0.37	1.514	8.910E-05
1500	49.2	0.536	0.31	1.512	7.453E-05

Spectrophotometer used HITACHI U-4100.

Date14/12/09