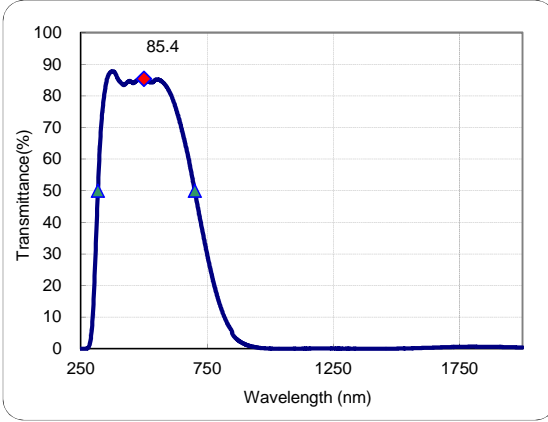


* You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

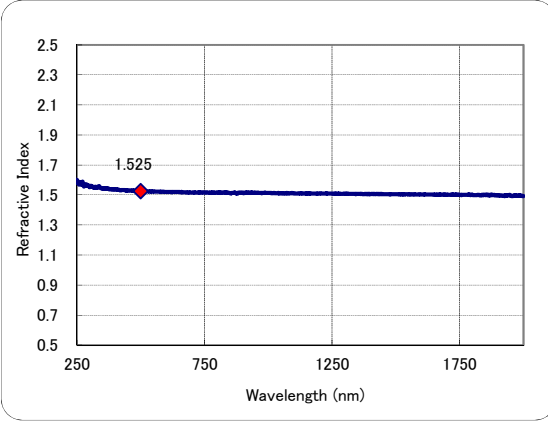
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition thickness 3mm
 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(546.07nm)

λ (nm)	T(%)	τ	OD	n _m	k _m
500	85.4	0.931	0.07	1.525	9.430E-07
317.8	50.0	0.550	0.30	1.551	5.045E-06
701.4	50.0	0.545	0.30	1.517	1.130E-05
587.56	83.1	0.906	0.08	1.522	1.538E-06
546.07	85.1	0.927	0.07	1.523	1.092E-06

λ (nm)	T(%)	τ	OD	n _m	k _m
250	6.6E-03	7.4E-05	4.18	1.598	6.311E-05
260	6.6E-03	7.3E-05	4.18	1.577	6.568E-05
270	2.4E-02	2.7E-04	3.62	1.583	5.898E-05
280	4.1E-01	0.005	2.38	1.567	4.004E-05
290	3.4	0.037	1.47	1.561	2.530E-05
300	14.1	0.155	0.85	1.552	1.485E-05
310	33.3	0.367	0.48	1.556	8.238E-06
320	54.2	0.596	0.27	1.554	4.391E-06
330	69.6	0.764	0.16	1.548	2.351E-06
340	78.4	0.861	0.11	1.549	1.351E-06
350	83.9	0.918	0.08	1.541	7.902E-07
360	86.6	0.949	0.06	1.543	4.991E-07
370	87.6	0.960	0.06	1.543	3.980E-07
380	87.7	0.960	0.06	1.538	4.105E-07
390	86.5	0.947	0.06	1.538	5.633E-07
400	84.9	0.929	0.07	1.537	7.773E-07
410	84.1	0.919	0.08	1.534	9.140E-07
420	83.4	0.911	0.08	1.531	1.036E-06
430	84.0	0.919	0.08	1.533	9.696E-07
440	84.6	0.924	0.07	1.531	9.239E-07
450	84.5	0.922	0.07	1.529	9.677E-07
460	84.1	0.918	0.08	1.530	1.039E-06
470	84.7	0.925	0.07	1.529	9.676E-07
480	85.2	0.930	0.07	1.528	9.231E-07
490	85.5	0.933	0.07	1.526	8.969E-07
500	85.4	0.931	0.07	1.525	9.430E-07
510	85.0	0.927	0.07	1.525	1.029E-06
520	84.4	0.921	0.07	1.524	1.142E-06
530	84.2	0.918	0.07	1.524	1.204E-06
540	84.6	0.923	0.07	1.524	1.149E-06
550	85.2	0.929	0.07	1.524	1.076E-06
560	85.1	0.927	0.07	1.523	1.120E-06
570	84.6	0.922	0.07	1.522	1.223E-06
580	83.9	0.914	0.08	1.522	1.377E-06
590	82.8	0.903	0.08	1.521	1.601E-06

λ (nm)	T(%)	τ	OD	n _m	k _m
600	81.5	0.888	0.09	1.521	1.896E-06
610	79.7	0.869	0.10	1.519	2.279E-06
620	77.6	0.846	0.11	1.520	2.759E-06
630	75.1	0.818	0.12	1.520	3.348E-06
640	72.4	0.789	0.14	1.520	4.033E-06
650	69.4	0.756	0.16	1.520	4.830E-06
660	66.1	0.720	0.18	1.519	5.739E-06
670	62.7	0.684	0.20	1.518	6.762E-06
680	59.0	0.642	0.23	1.516	7.985E-06
690	54.8	0.597	0.26	1.517	9.426E-06
700	50.6	0.551	0.30	1.517	1.106E-05
710	46.3	0.505	0.33	1.517	1.287E-05
720	42.1	0.459	0.38	1.517	1.488E-05
730	38.0	0.414	0.42	1.517	1.706E-05
740	34.0	0.371	0.47	1.518	1.949E-05
750	30.1	0.328	0.52	1.516	2.216E-05
800	14.1	0.154	0.85	1.517	3.970E-05
850	5.0	0.055	1.30	1.512	6.554E-05
900	1.5	0.016	1.84	1.515	9.894E-05
1000	6.9E-02	0.001	3.16	1.514	1.909E-04
1100	6.9E-02	0.001	3.16	1.511	2.100E-04
1200	0.1	0.001	2.97	1.509	2.147E-04
1300	6.5E-02	0.001	3.19	1.510	2.504E-04
1400	4.3E-02	4.7E-04	3.36	1.504	2.846E-04
1500	5.4E-02	0.001	3.27	1.505	2.962E-04
1600	0.3	0.003	2.57	1.503	2.475E-04
1700	0.5	0.006	2.28	1.502	2.332E-04
1800	0.7	0.007	2.16	1.501	2.340E-04
1900	0.6	0.006	2.23	1.497	2.545E-04
2000	0.4	0.005	2.35	1.493	2.825E-04

Spectrophotometer used HITACHI U-4100.

Date14/12/09