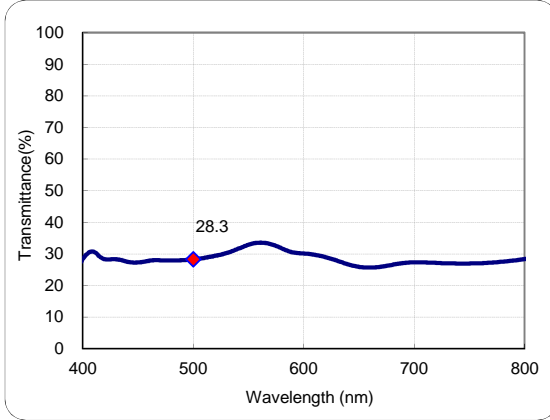


* You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

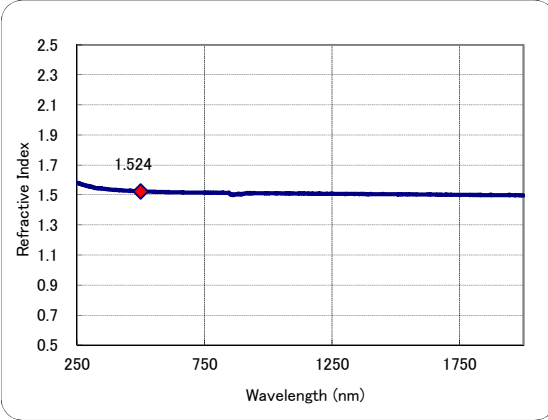
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition	Thickness	2.2mm
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 >

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

λ (nm)	T(%)	τ	OD	n_m	k_m
500	28.3	0.309	0.55	1.524	2.123E-05
-	-	-	-	-	-
-	-	-	-	-	-
587.56	30.7	0.335	0.51	1.520	2.323E-05
546.07	32.4	0.353	0.49	1.522	2.055E-05

λ (nm)	T(%)	τ	OD	n_m	k_m
300	1.8E-02	2.0E-04	3.75	1.554	9.260E-05
310	1.5E-02	1.7E-04	3.82	1.553	9.749E-05
320	1.1E-02	1.2E-04	3.97	1.547	1.046E-04
330	1.4E-02	1.5E-04	3.87	1.544	1.051E-04
340	0.1	7.0E-04	3.19	1.544	8.925E-05
350	0.8	0.009	2.08	1.542	5.951E-05
360	3.9	0.043	1.41	1.541	4.098E-05
370	9.2	0.101	1.04	1.537	3.071E-05
380	12.1	0.133	0.92	1.536	2.773E-05
390	20.9	0.229	0.68	1.535	2.079E-05
400	28.3	0.310	0.55	1.533	1.695E-05
410	30.7	0.336	0.51	1.532	1.618E-05
420	28.3	0.310	0.55	1.532	1.780E-05
430	28.3	0.310	0.55	1.530	1.822E-05
440	27.5	0.301	0.56	1.529	1.910E-05
450	27.3	0.299	0.56	1.528	1.967E-05
460	27.9	0.304	0.56	1.528	1.979E-05
470	28.0	0.306	0.55	1.527	2.013E-05
480	27.9	0.305	0.55	1.526	2.061E-05
490	28.0	0.306	0.55	1.524	2.098E-05
500	28.3	0.309	0.55	1.524	2.123E-05
510	28.8	0.314	0.54	1.523	2.137E-05
520	29.4	0.321	0.53	1.523	2.136E-05
530	30.3	0.330	0.52	1.522	2.124E-05
540	31.5	0.344	0.50	1.522	2.085E-05
550	32.9	0.359	0.48	1.521	2.038E-05
560	33.6	0.366	0.47	1.521	2.035E-05
570	33.1	0.361	0.48	1.520	2.098E-05
580	31.8	0.347	0.50	1.520	2.221E-05
590	30.5	0.333	0.52	1.519	2.348E-05
600	30.2	0.329	0.52	1.519	2.414E-05
610	29.7	0.324	0.53	1.519	2.485E-05
620	29.0	0.316	0.54	1.519	2.582E-05
630	27.9	0.304	0.55	1.518	2.711E-05
640	26.7	0.291	0.57	1.518	2.854E-05

λ (nm)	T(%)	τ	OD	n_m	k_m
650	25.9	0.283	0.59	1.518	2.970E-05
660	25.7	0.280	0.59	1.517	3.039E-05
670	25.9	0.283	0.59	1.516	3.062E-05
680	26.6	0.289	0.58	1.516	3.051E-05
690	27.1	0.295	0.57	1.515	3.044E-05
700	27.4	0.298	0.56	1.516	3.065E-05
710	27.3	0.298	0.56	1.516	3.113E-05
720	27.2	0.296	0.57	1.516	3.170E-05
730	27.0	0.294	0.57	1.515	3.229E-05
740	27.0	0.294	0.57	1.515	3.280E-05
750	27.0	0.294	0.57	1.515	3.321E-05
760	27.1	0.295	0.57	1.515	3.357E-05
770	27.3	0.297	0.56	1.515	3.380E-05
780	27.6	0.300	0.56	1.516	3.394E-05
790	27.9	0.304	0.55	1.515	3.401E-05
800	28.4	0.309	0.55	1.515	3.398E-05
850	31.8	0.345	0.50	1.506	3.271E-05
900	36.5	0.396	0.44	1.507	3.013E-05
950	41.6	0.453	0.38	1.512	2.721E-05
1000	47.0	0.511	0.33	1.510	2.428E-05
1050	52.2	0.568	0.28	1.510	2.149E-05
1100	56.9	0.619	0.24	1.510	1.911E-05
1150	60.9	0.662	0.22	1.510	1.713E-05
1200	64.4	0.700	0.19	1.509	1.550E-05
1250	67.5	0.734	0.17	1.508	1.401E-05
1300	70.4	0.765	0.15	1.507	1.259E-05
1350	73.1	0.793	0.14	1.507	1.130E-05
1400	74.8	0.812	0.13	1.506	1.052E-05
1450	76.5	0.831	0.12	1.506	9.740E-06
1500	78.0	0.847	0.11	1.505	9.034E-06

Spectrophotometer used HITACHI U-4100.

Date22/03/13