

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

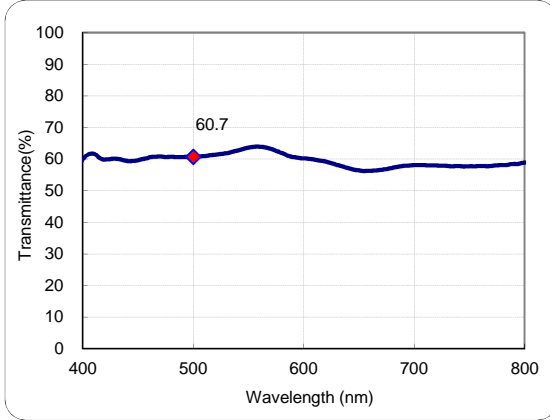
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition

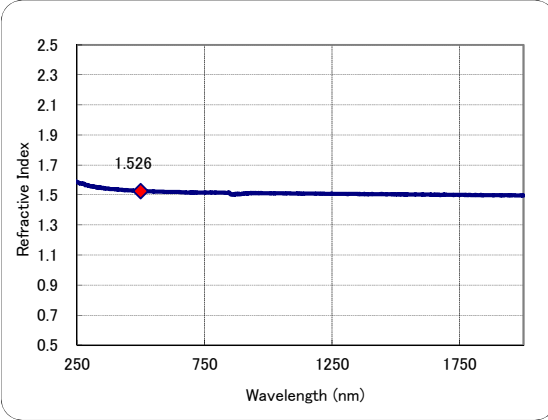
Thickness 2.2mm

Current data are approximate values.

### ● Transmittance



### ● Refractive index



<Meaning of sign>

- $\lambda$  (nm) :Wavelength
- T (%) :External Transmittance
- $\tau$  :Internal Transmittance
- OD :Optical Density
- $n_m$  :Refractive Index
- $k_m$  :Extinction Coefficient

◆ < Set wavelength >

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

$\lambda$ (nm)	T(%)	$\tau$	OD	$n_m$	$k_m$
500	60.7	0.663	0.22	1.526	7.431E-06
-	-	-	-	-	-
587.56	60.9	0.664	0.22	1.521	8.707E-06
546.07	63.3	0.691	0.20	1.524	7.315E-06

$\lambda$ (nm)	T(%)	$\tau$	OD	$n_m$	$k_m$
300	3.8E-08	4.2E-10	9.42	1.560	2.344E-04
310	5.4E-08	6.0E-10	9.27	1.559	2.382E-04
320	1.8E-04	2.0E-06	5.75	1.555	1.520E-04
330	7.5E-02	8.2E-04	3.13	1.549	8.483E-05
340	1.8E+00	2.0E-02	1.74	1.551	4.808E-05
350	9.6E+00	0.105	1.02	1.547	2.850E-05
360	22.8	0.250	0.64	1.542	1.803E-05
370	35.2	0.386	0.45	1.543	1.274E-05
380	38.2	0.419	0.42	1.539	1.195E-05
390	51.9	0.569	0.28	1.540	7.957E-06
400	60.0	0.657	0.22	1.538	6.070E-06
410	61.6	0.675	0.21	1.536	5.833E-06
420	59.9	0.655	0.22	1.535	6.418E-06
430	60.1	0.658	0.22	1.534	6.519E-06
440	59.4	0.650	0.23	1.532	6.867E-06
450	59.6	0.652	0.22	1.531	6.965E-06
460	60.5	0.661	0.22	1.530	6.877E-06
470	60.8	0.665	0.22	1.530	6.941E-06
480	60.7	0.663	0.22	1.528	7.126E-06
490	60.7	0.663	0.22	1.527	7.291E-06
500	60.7	0.663	0.22	1.526	7.431E-06
510	60.9	0.665	0.22	1.526	7.516E-06
520	61.4	0.670	0.21	1.526	7.533E-06
530	61.9	0.675	0.21	1.524	7.530E-06
540	62.7	0.684	0.20	1.524	7.418E-06
550	63.6	0.694	0.20	1.523	7.262E-06
560	63.9	0.697	0.19	1.523	7.301E-06
570	63.3	0.690	0.20	1.522	7.637E-06
580	61.9	0.676	0.21	1.522	8.229E-06
590	60.7	0.662	0.22	1.521	8.817E-06
600	60.3	0.657	0.22	1.521	9.116E-06
610	59.8	0.652	0.22	1.520	9.425E-06
620	59.2	0.645	0.23	1.520	9.826E-06
630	58.2	0.634	0.24	1.520	1.038E-05
640	57.2	0.623	0.24	1.520	1.094E-05

$\lambda$ (nm)	T(%)	$\tau$	OD	$n_m$	$k_m$
650	56.5	0.615	0.25	1.520	1.141E-05
660	56.3	0.613	0.25	1.519	1.166E-05
670	56.6	0.617	0.25	1.518	1.171E-05
680	57.2	0.623	0.24	1.517	1.163E-05
690	57.9	0.630	0.24	1.517	1.153E-05
700	58.1	0.633	0.24	1.517	1.158E-05
710	58.1	0.633	0.24	1.517	1.175E-05
720	58.0	0.632	0.24	1.517	1.196E-05
730	57.8	0.630	0.24	1.517	1.221E-05
740	57.8	0.629	0.24	1.516	1.240E-05
750	57.7	0.629	0.24	1.517	1.258E-05
760	57.8	0.629	0.24	1.516	1.274E-05
770	57.8	0.630	0.24	1.516	1.288E-05
780	58.2	0.633	0.24	1.516	1.289E-05
790	58.5	0.637	0.23	1.517	1.290E-05
800	58.9	0.641	0.23	1.516	1.286E-05
850	61.1	0.664	0.21	1.509	1.259E-05
900	64.2	0.697	0.19	1.509	1.174E-05
950	67.8	0.737	0.17	1.514	1.047E-05
1000	70.9	0.770	0.15	1.512	9.434E-06
1050	73.8	0.803	0.13	1.511	8.346E-06
1100	76.3	0.829	0.12	1.509	7.469E-06
1150	78.4	0.852	0.11	1.509	6.683E-06
1200	80.0	0.869	0.10	1.509	6.072E-06
1250	81.5	0.885	0.09	1.508	5.515E-06
1300	82.9	0.900	0.08	1.507	4.947E-06
1350	84.2	0.914	0.07	1.507	4.410E-06
1400	84.7	0.919	0.07	1.505	4.301E-06
1450	85.6	0.928	0.07	1.505	3.891E-06
1500	86.2	0.935	0.06	1.505	3.640E-06

Spectrophotometer used HITACHI U-4100.

Date22/03/13