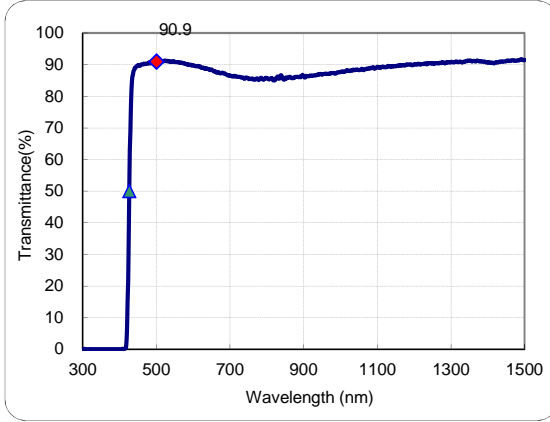


*You can not use Macro security setting yet. Please refer to "MACRO SETTING" to use this page.

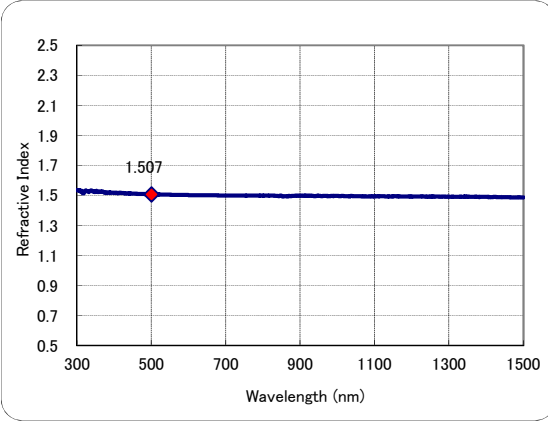
- All data are mean values of various melts.
- Change thickness and condition to check variations of data.→

Condition	Thickness	1.1mm
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%>
- d-line(587.56nm)
- e-line(546.07nm)

λ (nm)	T(%)	τ	OD	n_m	k_m
500	90.9	0.987	0.04	1.507	4.828E-07
426.4	50.0	0.544	0.30	1.515	1.885E-05
-	-	-	-	-	-
587.56	90.0	0.975	0.05	1.503	1.060E-06
546.07	91.1	0.988	0.04	1.505	4.880E-07

λ (nm)	T(%)	τ	OD	n_m	k_m
300	2.4E-02	2.6E-04	3.62	1.536	1.791E-04
310	5.5E-03	6.0E-05	4.26	1.527	2.179E-04
320	9.3E-03	1.0E-04	4.03	1.520	2.129E-04
330	1.7E-02	1.9E-04	3.77	1.527	2.049E-04
340	1.1E-02	1.3E-04	3.94	1.529	2.210E-04
350	2.1E-02	2.3E-04	3.67	1.527	2.117E-04
360	5.9E-03	6.4E-05	4.23	1.525	2.515E-04
370	5.5E-03	6.0E-05	4.26	1.524	2.601E-04
380	1.1E-02	1.2E-04	3.95	1.518	2.479E-04
390	2.3E-02	2.5E-04	3.64	1.519	2.339E-04
400	4.9E-02	0.001	3.31	1.516	2.180E-04
410	0.1	0.001	3.04	1.515	2.052E-04
420	5.5	0.060	1.26	1.516	8.539E-05
430	74.5	0.810	0.13	1.512	6.565E-06
440	88.4	0.961	0.05	1.513	1.262E-06
450	89.8	0.976	0.05	1.512	7.831E-07
460	90.1	0.979	0.05	1.511	7.150E-07
470	90.2	0.980	0.04	1.510	7.005E-07
480	90.7	0.985	0.04	1.509	5.410E-07
490	90.6	0.984	0.04	1.508	5.716E-07
500	90.9	0.987	0.04	1.507	4.828E-07
510	91.1	0.988	0.04	1.506	4.315E-07
520	91.1	0.989	0.04	1.506	4.199E-07
530	91.1	0.989	0.04	1.506	4.264E-07
540	90.9	0.986	0.04	1.505	5.457E-07
550	90.9	0.986	0.04	1.505	5.722E-07
560	90.7	0.984	0.04	1.504	6.564E-07
570	90.6	0.982	0.04	1.503	7.344E-07
580	90.2	0.978	0.04	1.503	9.247E-07
590	89.9	0.975	0.05	1.503	1.073E-06
600	89.7	0.972	0.05	1.502	1.234E-06
610	89.5	0.970	0.05	1.501	1.332E-06
620	89.2	0.967	0.05	1.501	1.513E-06
630	88.8	0.962	0.05	1.501	1.760E-06
640	88.7	0.961	0.05	1.501	1.850E-06

λ (nm)	T(%)	τ	OD	n_m	k_m
650	88.5	0.959	0.05	1.500	1.986E-06
660	87.9	0.952	0.06	1.500	2.339E-06
670	87.6	0.949	0.06	1.500	2.535E-06
680	87.4	0.947	0.06	1.500	2.657E-06
690	86.9	0.941	0.06	1.500	3.014E-06
700	86.6	0.938	0.06	1.499	3.258E-06
710	86.4	0.936	0.06	1.499	3.411E-06
720	86.1	0.933	0.06	1.499	3.604E-06
730	85.9	0.931	0.07	1.499	3.793E-06
740	85.6	0.927	0.07	1.498	4.056E-06
750	85.6	0.927	0.07	1.498	4.114E-06
760	85.5	0.926	0.07	1.498	4.211E-06
770	85.4	0.925	0.07	1.498	4.321E-06
780	85.4	0.925	0.07	1.498	4.429E-06
790	85.2	0.923	0.07	1.498	4.563E-06
800	85.7	0.929	0.07	1.498	4.284E-06
850	85.4	0.924	0.07	1.496	4.828E-06
900	86.3	0.935	0.06	1.498	4.381E-06
950	86.9	0.941	0.06	1.497	4.166E-06
1000	87.7	0.950	0.06	1.497	3.748E-06
1050	88.3	0.955	0.05	1.494	3.492E-06
1100	89.2	0.965	0.05	1.493	2.833E-06
1150	89.5	0.968	0.05	1.494	2.684E-06
1200	90.1	0.973	0.05	1.491	2.334E-06
1250	90.4	0.977	0.04	1.492	2.115E-06
1300	90.8	0.982	0.04	1.492	1.721E-06
1350	91.3	0.987	0.04	1.492	1.290E-06
1400	90.8	0.981	0.04	1.490	1.963E-06
1450	91.1	0.984	0.04	1.488	1.650E-06
1500	91.5	0.988	0.04	1.486	1.336E-06

Spectrophotometer used HITACHI U-4100.

Date14/12/09