

Transmittance (T) units: %

λnm	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390
T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	12.8	31.0	46.5	56.8	63.5	66.7	71.3
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	72.4	68.4	56.4	50.7	44.7	39.3	34.5	30.5	27.2	24.5	22.4	20.1	17.9	15.7	14.7	15.3	16.0	14.7	11.7	9.0
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	8.3	7.8	7.1	6.2	5.3	4.8	4.9	5.3	6.0	6.6	6.7	6.6	6.3	6.1	6.0	5.8	5.8	5.7	5.7	5.8
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	5.9	6.0	6.2	6.4	6.6	6.9	7.2	7.5	7.9	8.3	8.7	9.2	9.8	10.3	10.9	11.5	12.2	12.9	13.6	14.3
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	15.1	15.8	16.6	17.4	18.2	19.0	19.9	20.7	21.5	22.3	23.1	24.6	26.2	27.5	28.8	30.1				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.521	1.516	1.514	1.512	1.511	1.511	1.510
K	4.1E-06	2.8E-05	5.1E-05	6.9E-05	8.2E-05	7.8E-05	6.6E-05
P	0.918	0.919	0.920	0.920	0.920	0.921	0.921

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

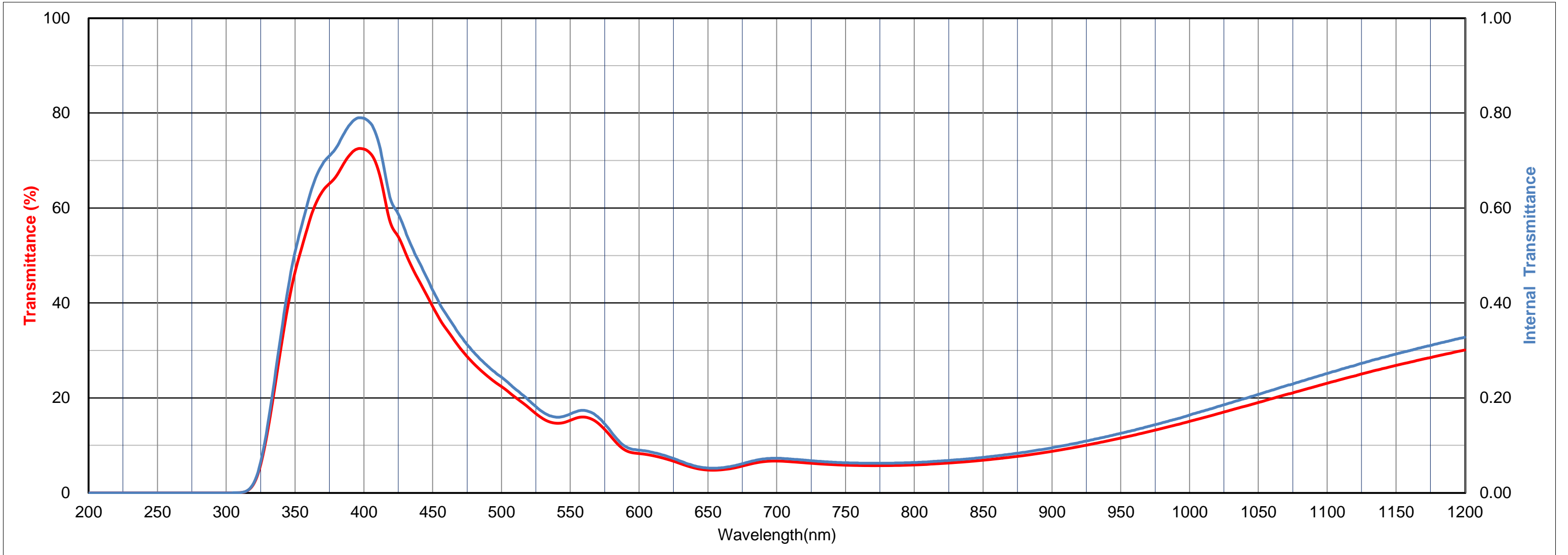
	x	y	Y	λ _d	P _e
A	0.316	0.342	13	486	34
C	0.210	0.193	15	473	51
D65	0.212	0.205	15	474	50

Properties

Chemical		Thermal				Mechanical		Others
D _w	D _A	T _g	T _s	α _{-30/70}	α _{100/300}	H _K	F _A	d
1	1	480	530	92	105	520	130	2.57

Tolerances of Transmittance(T)

B-R Conversion Value
V(mired)
-200±7



Transmittance (T) units: %

λnm	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390
T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	12.8	31.0	46.5	56.8	63.5	66.7	71.3
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	72.4	68.4	56.4	50.7	44.7	39.3	34.5	30.5	27.2	24.5	22.4	20.1	17.9	15.7	14.7	15.3	16.0	14.7	11.7	9.0
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	8.3	7.8	7.1	6.2	5.3	4.8	4.9	5.3	6.0	6.6	6.7	6.6	6.3	6.1	6.0	5.8	5.8	5.7	5.7	5.8
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	5.9	6.0	6.2	6.4	6.6	6.9	7.2	7.5	7.9	8.3	8.7	9.2	9.8	10.3	10.9	11.5	12.2	12.9	13.6	14.3
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	15.1	15.8	16.6	17.4	18.2	19.0	19.9	20.7	21.5	22.3	23.1	23.9	24.6	25.4	26.2	26.8	27.5	28.2	28.8	29.4
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	30.1	30.7	31.3	31.9	32.5	33.1	33.8	34.5	35.2	35.9	36.7	39.7	41.4	43.0	44.2	45.2	46.1	46.8	47.4	47.9
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	48.3	48.6	49.0	49.2	49.5	49.8	50.0	50.2	50.6	50.9	51.3	51.7	52.1	52.7	53.2	53.8	54.4	55.0	55.6	56.2
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	56.7	57.3	57.8	58.3	58.7	59.2	59.5	59.9	60.2	60.5	60.7	61.0	61.2	61.5	61.8	62.1	62.4	62.8	63.1	63.5
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	64.0	64.5	65.0	65.5	66.0	66.6	67.2	67.7	68.3	68.9	69.5	70.0	70.5	71.0	71.5	72.0	72.4	72.9	73.3	73.6
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	74.0	75.7	77.0	78.1	78.6	79.3	80.2	80.8	81.2	81.3	81.3	81.3	81.1	80.7	79.1	64.1	52.8	50.3	49.6	48.8
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	47.0	44.2	40.8	37.2	33.8	30.6	27.8	25.5	23.6	22.2	21.2	20.7	20.5	20.5	20.6	20.9	21.3	21.9	22.5	23.0
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	22.9	22.0	20.3	17.9	15.3	12.6	9.8	7.0	4.4	2.4	1.1	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

