

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	0.3	5.8	24.1	45.6	60.1	68.6	73.6	75.4	78.9
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	79.6	76.4	66.6	62.4	57.7	53.2	49.0	45.2	41.9	39.0	36.5	33.7	30.8	27.8	26.5	27.3	28.3	26.7	22.5	18.4
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	17.4	16.9	15.8	14.4	12.9	12.2	12.4	13.4	14.8	16.0	16.5	16.4	16.1	15.8	15.5	15.3	15.2	15.2	15.3	15.4
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	15.5	15.8	16.2	16.5	16.9	17.4	17.9	18.4	19.1	19.7	20.4	21.2	22.0	22.8	23.7	24.6	25.4	26.4	27.3	28.3
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	29.2	30.2	31.2	32.1	33.1	34.0	35.0	35.9	36.7	37.6	38.5	40.0	41.6	42.8	44.1	45.2				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.524	1.517	1.513	1.511	1.509	1.508	1.507
K	1.5E-06	1.3E-05	2.9E-05	3.5E-05	4.1E-05	3.9E-05	3.3E-05
P	0.917	0.919	0.920	0.921	0.921	0.921	0.921

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

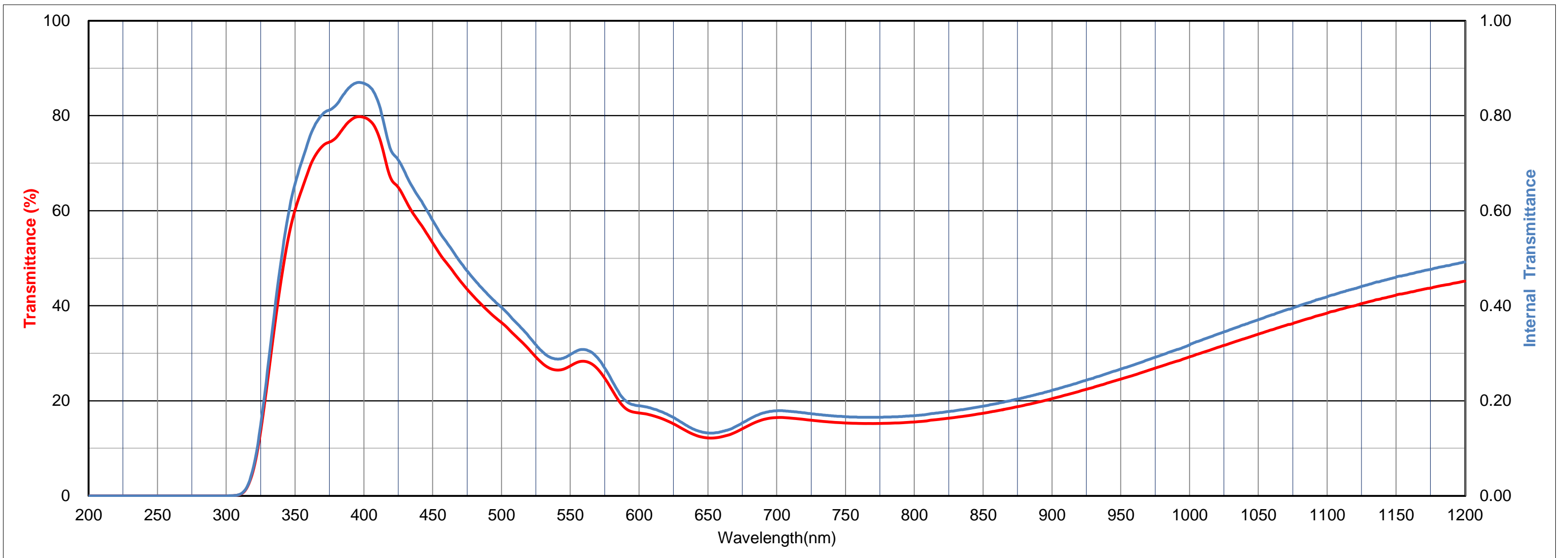
	x	y	Y	λ _d	P _e
A	0.353	0.371	24	488	24
C	0.231	0.230	26	476	39
D65	0.234	0.243	26	477	38

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	535	95	107	520	130	2.57

Tolerances of Transmittance(T)

B-R Conversion Value
V(mired)
-140±5



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	0.3	5.8	24.1	45.6	60.1	68.6	73.6	75.4	78.9
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	79.6	76.4	66.6	62.4	57.7	53.2	49.0	45.2	41.9	39.0	36.5	33.7	30.8	27.8	26.5	27.3	28.3	26.7	22.5	18.4
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	17.4	16.9	15.8	14.4	12.9	12.2	12.4	13.4	14.8	16.0	16.5	16.4	16.1	15.8	15.5	15.3	15.2	15.2	15.3	15.4
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	15.5	15.8	16.2	16.5	16.9	17.4	17.9	18.4	19.1	19.7	20.4	21.2	22.0	22.8	23.7	24.6	25.4	26.4	27.3	28.3
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	29.2	30.2	31.2	32.1	33.1	34.0	35.0	35.9	36.7	37.6	38.5	39.3	40.0	40.8	41.6	42.2	42.8	43.5	44.1	44.6
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	45.2	45.7	46.2	46.7	47.2	47.8	48.4	49.0	49.6	50.3	51.0	52.6	53.9	55.3	56.4	57.4	58.2	58.8	59.2	59.5
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	59.8	60.0	60.2	60.4	60.6	60.7	60.9	61.0	61.2	61.4	61.7	62.0	62.3	62.7	63.1	63.5	63.9	64.4	64.9	65.3
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	65.8	66.2	66.6	66.9	67.2	67.5	67.8	68.0	68.2	68.3	68.5	68.6	68.8	69.0	69.1	69.3	69.5	69.7	70.0	70.3
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	70.6	70.9	71.3	71.7	72.1	72.5	72.9	73.3	73.8	74.2	74.6	75.0	75.3	75.7	76.0	76.4	76.7	77.0	77.3	77.5
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	77.8	78.9	79.7	80.3	80.4	80.7	81.2	81.6	81.7	81.5	81.3	81.1	80.8	80.2	78.5	62.9	51.4	48.6	47.7	46.5
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	44.4	41.6	38.4	34.9	31.6	28.6	25.9	23.6	21.7	20.3	19.3	18.7	18.5	18.4	18.6	18.8	19.2	19.9	20.5	21.0
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	20.9	20.1	18.4	16.2	13.7	11.2	8.8	6.3	4.0	2.2	1.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

