

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	0.7	6.6	21.3	39.0	54.5	65.9	73.0	78.7
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	81.9	82.2	78.4	77.3	75.5	73.9	71.9	69.8	67.7	65.6	63.5	61.0	58.2	55.0	52.9	52.5	52.5	50.3	46.0	41.2
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	39.1	37.7	35.8	33.5	31.1	29.6	29.2	29.6	30.5	31.1	31.0	30.4	29.8	29.2	28.7	28.3	28.0	27.8	27.7	27.6
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	27.7	27.9	28.2	28.4	28.8	29.2	29.6	30.2	30.7	31.3	32.0	32.7	33.5	34.3	35.1	35.9	36.7	37.6	38.5	39.4
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	40.3	41.2	42.0	42.9	43.8	44.6	45.5	46.3	47.1	47.9	48.7	50.2	51.8	53.0	54.3	55.4				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.553	1.545	1.541	1.538	1.537	1.535	1.535
K	1.4E-06	5.6E-06	1.6E-05	2.4E-05	3.1E-05	3.1E-05	2.6E-05
P	0.910	0.912	0.913	0.914	0.914	0.915	0.915

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

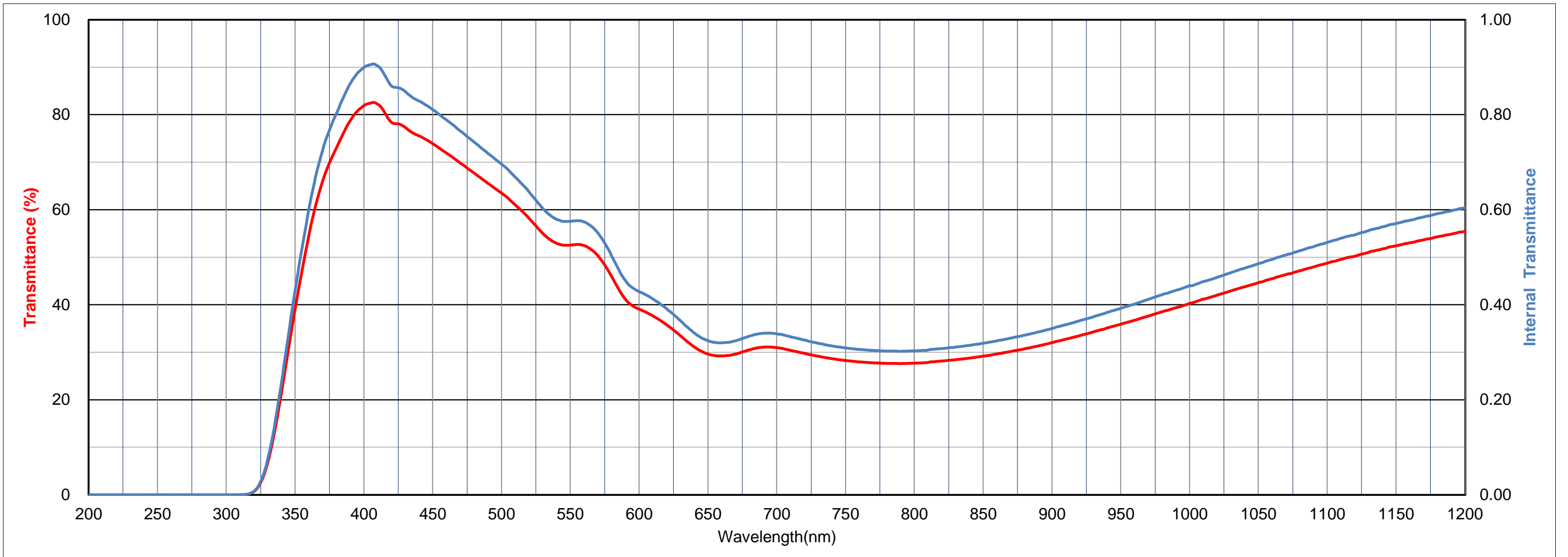
	x	y	Y	λ _d	P _e
A	0.388	0.398	47	492	15
C	0.258	0.275	50	481	23
D65	0.261	0.289	51	482	23

Properties

Chemical		Thermal				Mechanical		Others
D _w	D _A	T _g	T _s	α _{-30/70}	α _{100/300}	H _K	F _A	d
2	1	460	510	99	116	490	110	2.83

Tolerances of Transmittance(T)

B-R Conversion Value
V(mired)
-80±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	0.0	0.7	6.6	21.3	39.0	54.5	65.9	73.0	78.7
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	81.9	82.2	78.4	77.3	75.5	73.9	71.9	69.8	67.7	65.6	63.5	61.0	58.2	55.0	52.9	52.5	52.5	50.3	46.0	41.2
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	39.1	37.7	35.8	33.5	31.1	29.6	29.2	29.6	30.5	31.1	31.0	30.4	29.8	29.2	28.7	28.3	28.0	27.8	27.7	27.6
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	27.7	27.9	28.2	28.4	28.8	29.2	29.6	30.2	30.7	31.3	32.0	32.7	33.5	34.3	35.1	35.9	36.7	37.6	38.5	39.4
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	40.3	41.2	42.0	42.9	43.8	44.6	45.5	46.3	47.1	47.9	48.7	49.6	50.2	51.0	51.8	52.4	53.0	53.7	54.3	54.8
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	55.4	56.0	56.5	57.1	57.6	58.1	58.7	59.3	59.8	60.3	60.9	62.5	63.8	65.0	66.0	66.9	67.5	67.9	68.3	68.6
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	68.8	69.1	69.3	69.5	69.8	70.0	70.2	70.4	70.6	70.8	71.1	71.3	71.6	71.9	72.2	72.5	72.8	73.2	73.5	73.8
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	74.1	74.4	74.6	74.9	75.1	75.4	75.5	75.7	75.9	76.0	76.1	76.3	76.4	76.5	76.7	76.8	76.9	77.1	77.3	77.5
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	77.7	77.9	78.1	78.3	78.5	78.8	79.0	79.3	79.5	79.8	80.0	80.2	80.4	80.6	80.8	81.0	81.1	81.3	81.4	81.6
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	81.7	82.3	82.7	82.9	82.6	82.6	82.8	82.9	82.8	82.5	82.2	81.9	81.5	80.9	79.4	67.5	54.5	50.7	49.4	48.3
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	46.7	44.0	40.5	36.5	32.5	28.6	25.2	22.2	19.7	17.7	16.4	15.6	15.3	15.2	15.3	15.7	16.3	17.2	18.2	18.8
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	18.8	17.9	16.4	14.5	12.7	11.1	9.5	7.7	5.6	3.5	1.8	0.8	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

