

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	0.0	0.0	0.0	0.0	0.2	3.2	11.5	23.2
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	35.0	44.1	48.8	53.2	56.1	58.6	60.6	62.2	63.7	65.1	66.4	67.6	68.7	69.9	71.1	72.4	73.7	74.9	75.8	76.4
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	77.2	77.9	78.3	78.6	79.1	79.7	80.7	81.9	83.3	84.5	85.3	86.0	86.4	86.8	87.1	87.4	87.6	87.8	87.9	88.1
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	88.3	88.5	88.6	88.6	88.8	88.9	88.9	89.1	89.1	89.2	89.4	89.5	89.6	89.7	89.7	89.9	89.9	90.0	90.1	90.2
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	90.1	90.2	90.3	90.2	90.2	90.3	90.3	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.576	1.561	1.554	1.549	1.546	1.544	1.543
K	1.2E-05	6.3E-06	4.0E-06	2.1E-06	1.0E-06	5.6E-07	1.2E-05
P	0.905	0.908	0.910	0.911	0.912	0.912	0.913

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

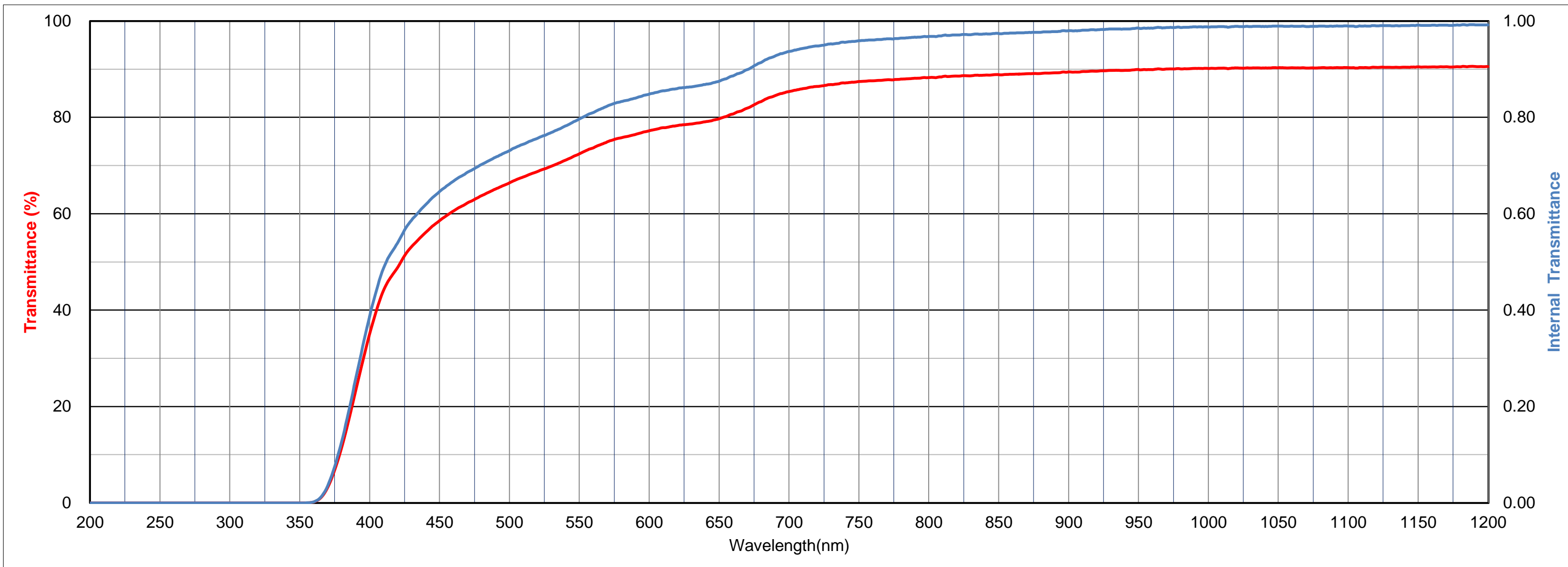
	x	y	Y	λ _d	P _e
A	0.467	0.414	74	586	18
C	0.334	0.341	73	577	13
D65	0.336	0.353	73	576	13

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	505	550	88	102	520	130	2.76

Tolerances of Transmittance(T)

B-R Conversion Value
V(mired)
40±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	0.0	0.0	0.0	0.0	0.2	3.2	11.5	23.2
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	35.0	44.1	48.8	53.2	56.1	58.6	60.6	62.2	63.7	65.1	66.4	67.6	68.7	69.9	71.1	72.4	73.7	74.9	75.8	76.4
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	77.2	77.9	78.3	78.6	79.1	79.7	80.7	81.9	83.3	84.5	85.3	86.0	86.4	86.8	87.1	87.4	87.6	87.8	87.9	88.1
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	88.3	88.5	88.6	88.6	88.8	88.9	88.9	89.1	89.1	89.2	89.4	89.5	89.6	89.7	89.7	89.9	89.9	90.0	90.1	90.2
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	90.1	90.2	90.3	90.2	90.2	90.3	90.3	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.6	90.5	90.4	90.2	90.7	90.5	90.6	90.7	90.3
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	90.6	90.3	89.8	90.1	90.4	90.2	90.0	89.9	89.7	90.1	90.0	90.2	89.9	89.8	90.0	89.7	89.8	89.8	89.8	89.5
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	89.6	89.5	89.5	89.6	89.6	89.6	89.4	89.4	89.3	89.4	89.2	89.2	89.1	89.1	89.0	88.9	88.9	88.8	88.7	88.7
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	88.7	88.7	88.6	88.6	88.4	88.5	88.5	88.4	88.4	88.3	88.3	88.3	88.2	88.2	88.1	88.1	88.1	88.0	88.0	87.9
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	88.0	87.7	87.5	87.1	86.3	85.8	85.9	85.3	84.7	84.0	83.3	82.5	81.5	79.8	76.5	57.0	38.7	34.3	33.2	32.7
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	32.1	31.1	29.5	27.7	25.6	23.7	22.0	20.4	19.1	18.0	17.3	17.1	17.2	17.5	18.1	18.7	19.5	20.5	21.3	21.8
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	21.7	20.9	19.4	17.5	15.6	13.8	11.8	9.5	7.0	4.6	2.5	1.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

