

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	0.1	3.3	16.2	32.0	46.0
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	56.3	61.9	62.6	63.4	63.3	63.0	62.9	63.0	63.3	63.9	64.4	65.2	66.0	66.7	67.9	69.3	70.6	71.9	72.7	73.4
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	74.3	75.0	75.6	75.9	76.4	77.2	78.4	79.9	81.6	83.3	84.4	85.1	85.7	86.3	86.8	87.2	87.5	87.8	88.0	88.4
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	88.5	88.3	88.2	88.3	88.5	88.7	88.8	88.9	89.1	89.2	89.3	89.5	89.6	89.7	89.8	90.0	90.0	90.1	90.2	90.2
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	90.2	90.2	90.3	90.2	90.3	90.3	90.3	90.2	90.3	90.4	90.3	90.4	90.4	90.4	90.4	90.4				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.569	1.555	1.547	1.543	1.540	1.538	1.537
K	5.1E-06	4.6E-06	3.3E-06	1.7E-06	8.4E-07	4.3E-07	5.1E-06
P	0.907	0.910	0.912	0.913	0.913	0.914	0.914

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

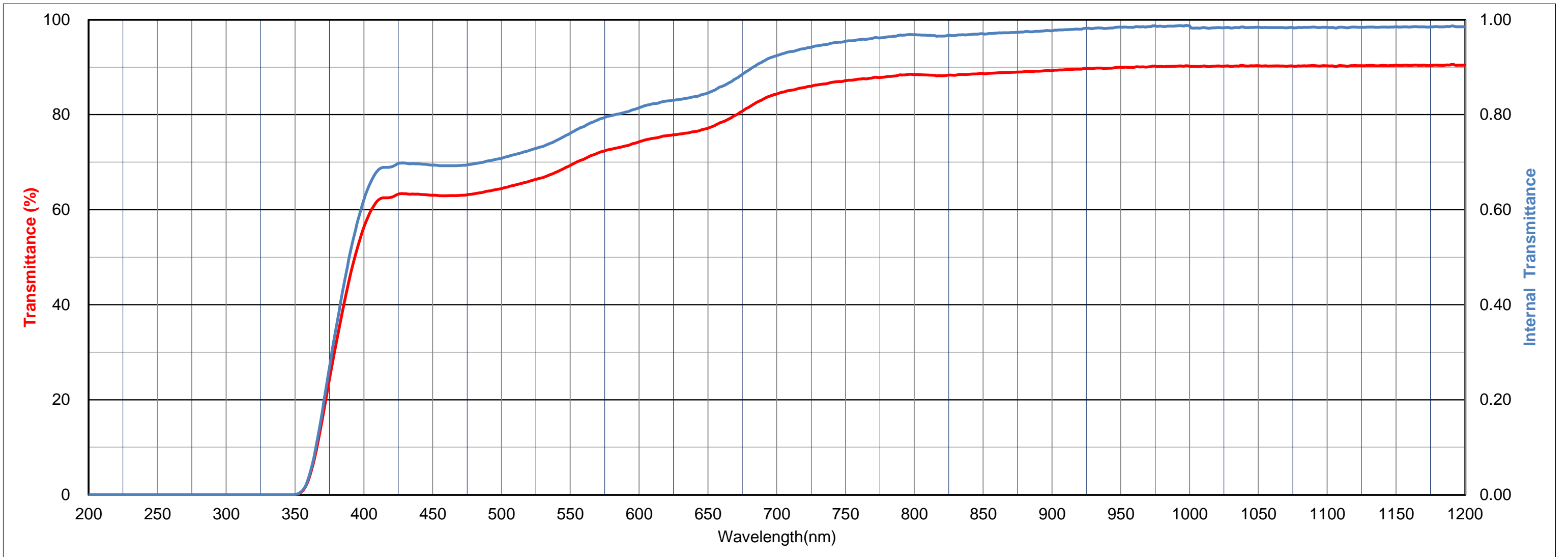
	x	y	Y	λ _d	P _e
A	0.463	0.408	71	591	11
C	0.326	0.326	70	584	7
D65	0.329	0.339	70	584	7

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	545	89	102	520	130	2.73

Tolerances of Transmittance(T)

B-R Conversion Value
V(mired)
20±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	0.1	3.3	16.2	32.0	46.0
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	56.3	61.9	62.6	63.4	63.3	63.0	62.9	63.0	63.3	63.9	64.4	65.2	66.0	66.7	67.9	69.3	70.6	71.9	72.7	73.4
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	74.3	75.0	75.6	75.9	76.4	77.2	78.4	79.9	81.6	83.3	84.4	85.1	85.7	86.3	86.8	87.2	87.5	87.8	88.0	88.4
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	88.5	88.3	88.2	88.3	88.5	88.7	88.8	88.9	89.1	89.2	89.3	89.5	89.6	89.7	89.8	90.0	90.0	90.1	90.2	90.2
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	90.2	90.2	90.3	90.2	90.3	90.3	90.3	90.2	90.3	90.4	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	90.4	90.4	90.5	90.5	90.6	90.5	90.6	90.6	90.6	90.6	90.6	90.2	90.2	89.9	90.2	90.4	90.0	89.7	90.3	89.8
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	89.9	90.0	89.8	89.8	89.6	89.8	89.4	89.2	89.5	89.4	89.2	88.9	89.2	89.4	89.2	89.5	89.2	89.3	89.1	89.2
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	88.9	89.0	88.9	89.2	88.9	88.9	89.0	88.7	88.7	88.7	88.6	88.6	88.5	88.4	88.3	88.2	88.3	88.2	88.2	88.1
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	88.1	88.0	88.0	87.9	88.0	87.9	87.8	87.7	87.7	87.8	87.6	87.7	87.5	87.6	87.4	87.5	87.4	87.3	87.3	87.2
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	87.2	87.1	86.9	86.4	85.5	85.0	85.1	84.5	84.0	83.3	82.7	82.0	81.0	79.9	76.9	56.9	38.4	34.0	32.8	32.3
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	31.7	30.6	29.0	26.9	24.7	22.5	20.4	18.6	17.0	15.8	14.9	14.5	14.4	14.6	15.0	15.5	16.1	17.0	17.7	18.1
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	18.0	17.1	15.6	13.7	11.8	10.1	8.3	6.3	4.4	2.6	1.3	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

