

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	0.1	2.0	10.8	24.8	33.9	37.5	42.4	44.9	64.7	17.1	21.0	89.2	89.4	90.3
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	90.4	90.4	88.9	66.7	88.8	87.7	79.8	75.1	76.7	87.5	77.8	54.4	54.8	28.2	70.8	86.3	83.4	4.1	3.6	2.6
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	29.9	59.3	88.4	86.8	90.0	90.8	90.6	86.2	79.2	80.5	89.2	90.2	87.5	63.3	9.9	13.9	48.3	72.5	70.4	35.4
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	13.4	7.3	43.9	70.3	85.4	86.5	72.6	56.2	36.9	60.4	75.9	84.7	88.0	90.7	91.6	91.8	91.8	91.9	91.9	91.9
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.1	92.2	92.2	92.3	92.3	92.3				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.559	1.547	1.541	1.537	1.534	1.533	1.532
K	3.4E-27	2.3E-06	3.1E-05	5.6E-07	5.5E-05	6.8E-06	4.9E-21
P	0.909	0.912	0.913	0.914	0.915	0.915	0.916

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

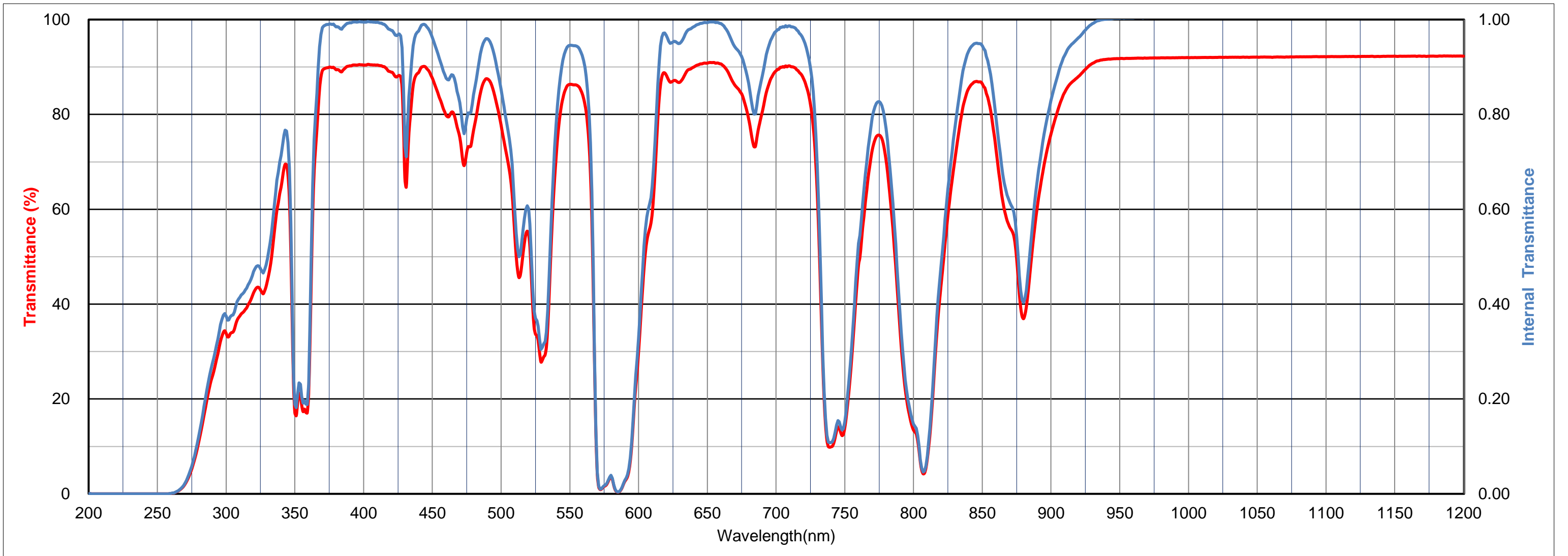
	x	y	Y	λ _d	P _e
A	-	-	-	-	-
C	-	-	-	-	-
D65	-	-	-	-	-

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	596	657	-	88	555	110	2.83

Tolerance of Transmittance (T)

Transmittance at 586nm
T586(%)
< 1%



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	0.1	2.0	10.8	24.8	33.9	37.5	42.4	44.9	64.7	17.1	21.0	89.2	89.4	90.3
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	90.4	90.4	88.9	66.7	88.8	87.7	79.8	75.1	76.7	87.5	77.8	54.4	54.8	28.2	70.8	86.3	83.4	4.1	3.6	2.6
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	29.9	59.3	88.4	86.8	90.0	90.8	90.6	86.2	79.2	80.5	89.2	90.2	87.5	63.3	9.9	13.9	48.3	72.5	70.4	35.4
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	13.4	7.3	43.9	70.3	85.4	86.5	72.6	56.2	36.9	60.4	75.9	84.7	88.0	90.7	91.6	91.8	91.8	91.9	91.9	91.9
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.2	92.2	92.2	92.2	92.2	92.1
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	91.8	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	91.9	91.4	90.8	90.9	90.1	89.0	87.9	86.8	86.2
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	86.0	86.6	87.1	87.7	88.5	88.8	89.0	89.2	89.4	89.3	89.3	89.4	89.1	89.4	89.9	90.4	90.7	91.0	91.2	91.3
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	91.4	91.4	91.4	91.5	91.3	91.4	91.4	91.2	91.5	91.5	91.4	91.5	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	91.4	91.3	90.9	90.4	89.0	86.7	79.8	65.4	61.2	64.0	67.4	70.4	73.3	77.4	77.0	41.6	28.7	29.5	31.1	32.5
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	33.5	33.7	33.4	32.9	32.1	31.3	30.4	29.3	27.9	26.2	24.3	22.7	22.0	21.3	21.4	22.7	24.2	25.5	25.4	24.2
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	22.7	21.6	20.6	19.0	16.5	12.8	9.9	7.4	5.0	3.0	1.7	0.8	0.4	0.2	0.0	0.1	0.1	0.0	0.1	0.1
λnm	5000																			
T	0.1																			

