

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	0.2	3.1	12.7	26.5	34.5	32.4	49.1
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	55.7	54.8	55.1	56.6	56.1	58.3	60.9	61.3	61.0	60.7	60.6	60.8	61.1	61.6	61.9	62.0	61.9	61.5	60.8	60.2
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	60.2	60.4	60.6	60.6	60.3	60.1	60.1	60.4	61.2	62.1	62.7	62.9	62.8	62.4	61.8	61.1	60.4	59.6	58.8	58.0
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	57.2	56.5	55.8	55.1	54.5	53.8	53.2	52.6	52.0	51.5	50.9	50.4	49.9	49.4	48.9	48.4	48.0	47.6	47.1	46.8
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	46.4	46.1	45.8	45.5	45.3	45.0	44.9	44.7	44.6	44.5	44.4	44.4	44.5	44.7	45.0	45.4				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.515	1.511	1.509	1.508	1.508	1.507	1.507
P	0.920	0.920	0.921	0.921	0.921	0.921	0.921

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

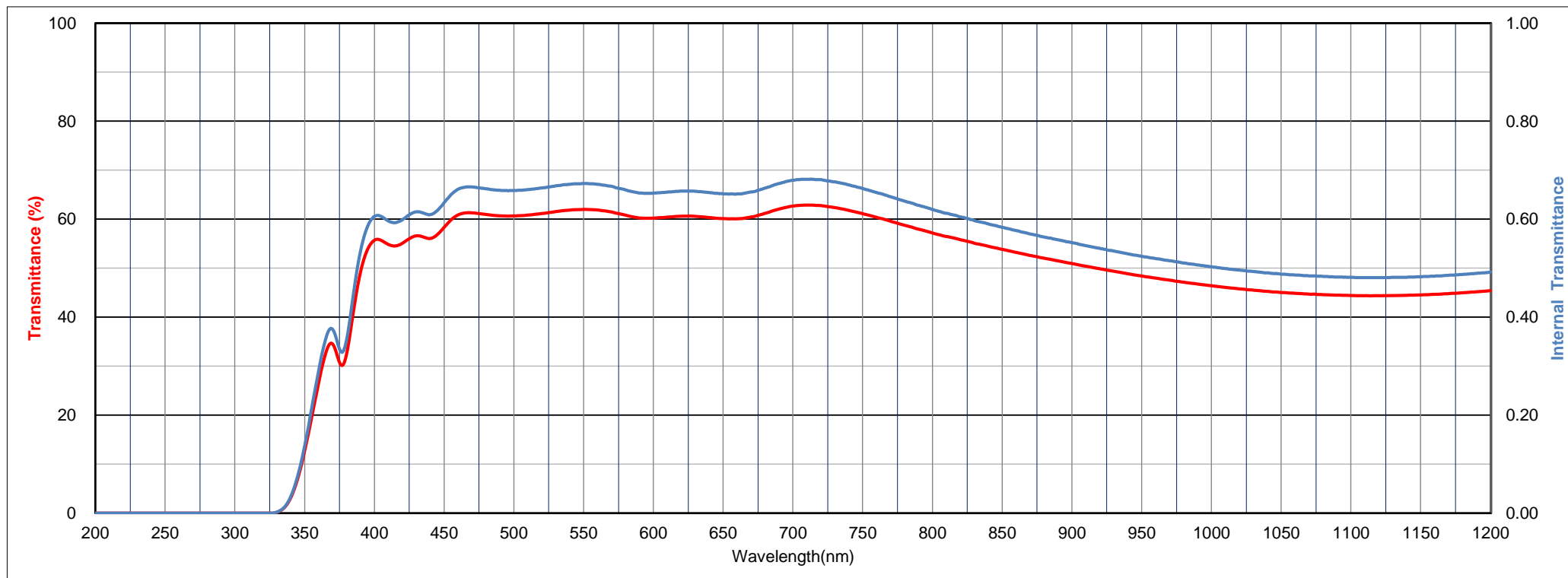
	x	y	Y	λ _d	P _e
A	0.448	0.411	61	571	2
C	0.312	0.322	61	562	2
D65	0.314	0.335	61	562	2

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	4	495	555	62	66	550	90	2.42

Tolerance of Transmittance (T)

Average Transmittance at 400nm-700nm	
T _{av} (%)	OD
60±5	0.22±0.04



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	0.2	3.1	12.7	26.5	34.5	32.4	49.1
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	55.7	54.8	55.1	56.6	56.1	58.3	60.9	61.3	61.0	60.7	60.6	60.8	61.1	61.6	61.9	62.0	61.9	61.5	60.8	60.2
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	60.2	60.4	60.6	60.6	60.3	60.1	60.1	60.4	61.2	62.1	62.7	62.9	62.8	62.4	61.8	61.1	60.4	59.6	58.8	58.0
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	57.2	56.5	55.8	55.1	54.5	53.8	53.2	52.6	52.0	51.5	50.9	50.4	49.9	49.4	48.9	48.4	48.0	47.6	47.1	46.8
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	46.4	46.1	45.8	45.5	45.3	45.0	44.9	44.7	44.6	44.5	44.4	44.4	44.4	44.4	44.5	44.5	44.7	44.8	45.0	45.2
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	45.4	45.6	46.0	46.3	46.6	47.0	47.4	47.9	48.3	48.8	49.3	49.9	50.4	50.8	51.3	51.9	52.4	52.9	53.1	53.3
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	53.5	53.9	54.4	54.9	55.3	55.7	56.1	56.4	56.8	57.1	57.5	57.7	58.0	58.3	58.5	58.7	58.9	59.1	59.3	59.4
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	59.5	59.7	59.8	59.8	59.9	60.0	60.1	60.1	60.2	60.2	60.3	60.4	60.4	60.5	60.5	60.6	60.7	60.7	60.8	60.9
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	61.0	61.1	61.2	61.3	61.4	61.5	61.7	61.8	61.9	62.1	62.2	62.3	62.5	62.6	62.8	62.9	63.0	63.1	63.2	63.4
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	63.5	64.1	64.6	64.4	64.3	64.7	65.5	65.8	65.0	64.9	64.4	64.3	64.2	64.1	64.1	64.1	64.1	64.0	63.8	63.3
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	62.4	60.8	56.0	44.2	29.1	18.4	12.3	9.1	7.6	6.9	6.5	6.4	6.4	6.5	6.6	6.7	6.9	7.1	7.3	7.5
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	7.7	8.0	8.2	8.4	8.7	8.9	9.2	9.4	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.4	11.6	11.8	11.9
λnm	5000																			
T	12.2																			

