

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	4.0	34.4	65.1	78.2	82.7	86.2	88.0	88.6	88.8	88.9	88.7	88.4	88.0	87.0	84.1	75.4	56.0
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	30.3	12.5	5.4	2.9	2.3	2.1	1.8	1.2	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	0.0	0.0	0.0	0.0	0.0	0.1	0.9	5.1	17.5	35.2	50.1	58.5	61.7	61.2	58.7	55.5	52.2	49.2	46.4	44.2
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	42.3	40.7	39.5	38.6	37.9	37.4	37.0	36.8	36.6	36.6	36.7	36.8	37.1	37.4	37.8	38.2	38.7	39.1	39.6	40.1
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	40.4	40.7	40.8	40.8	40.6	40.2	39.6	38.8	37.8	36.7	35.3	32.3	29.0	25.7	22.5	19.6				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.566	1.556	1.551	1.548	1.546	1.544	1.543
K	1.4E-05	9.9E-05	2.2E-04	9.5E-06	1.5E-05	2.0E-05	1.9E-05
P	0.907	0.910	0.911	0.912	0.912	0.912	0.913

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

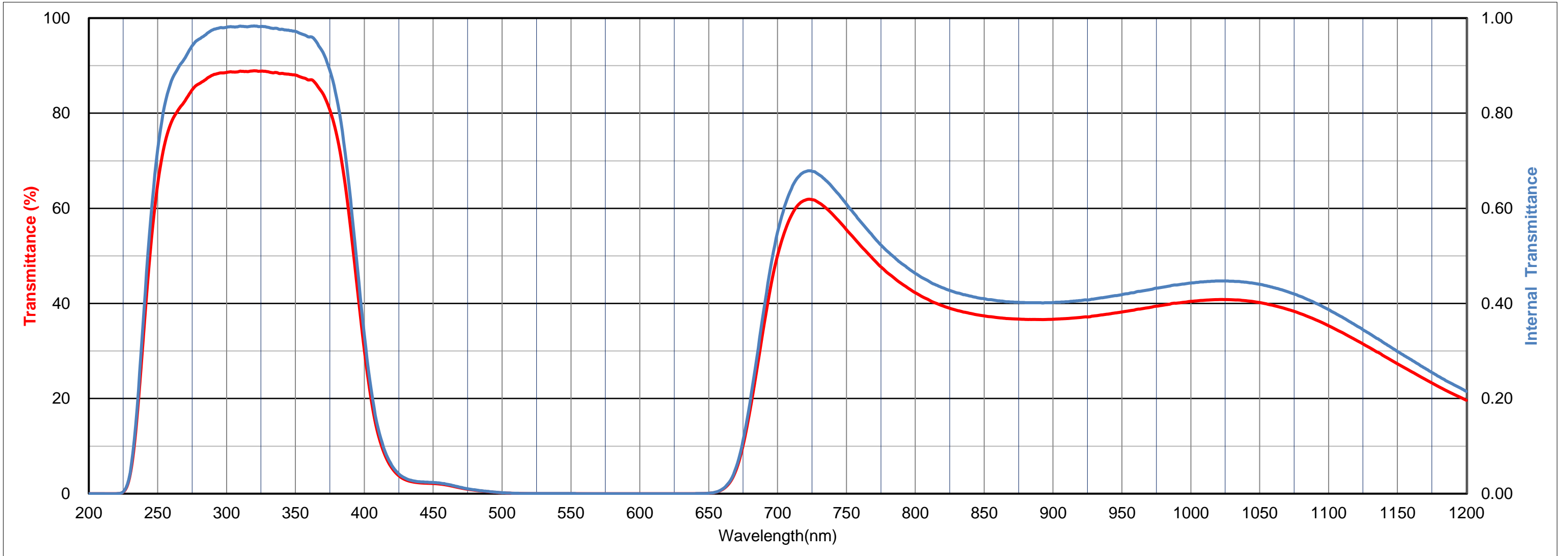
	x	y	Y	λ <sub>d</sub>	P <sub>e</sub>
A	-	-	-	-	-
C	-	-	-	-	-
D65	-	-	-	-	-

Properties

Chemical		Thermal				Mechanical		Others
D <sub>W</sub>	D <sub>A</sub>	T <sub>g</sub>	T <sub>s</sub>	α <sub>-30/70</sub>	α <sub>100/300</sub>	H <sub>K</sub>	F <sub>A</sub>	d
4	3	450	500	93	65	380	220	2.89

Tolerance of Transmittance (T)

Transmittance at 254nm	Transmittance at 310nm	Transmittance at 365nm
T254(%)	T310(%)	T365(%)
≥70	≥85	≥83



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	4.0	34.4	65.1	78.2	82.7	86.2	88.0	88.6	88.8	88.9	88.7	88.4	88.0	87.0	84.1	75.4	56.0
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	30.3	12.5	5.4	2.9	2.3	2.1	1.8	1.2	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	0.0	0.0	0.0	0.0	0.0	0.1	0.9	5.1	17.5	35.2	50.1	58.5	61.7	61.2	58.7	55.5	52.2	49.2	46.4	44.2
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	42.3	40.7	39.5	38.6	37.9	37.4	37.0	36.8	36.6	36.6	36.7	36.8	37.1	37.4	37.8	38.2	38.7	39.1	39.6	40.1
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	40.4	40.7	40.8	40.8	40.6	40.2	39.6	38.8	37.8	36.7	35.3	33.9	32.3	30.7	29.0	27.3	25.7	24.1	22.5	21.0
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	19.6	18.3	17.2	16.1	15.2	14.5	13.7	13.2	12.8	12.4	12.2	12.0	11.9	11.8	11.9	11.9	12.0	12.1	12.2	12.2
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	12.2	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.4	11.3	11.5	11.4	11.4	11.4	11.5	11.5	11.6	11.9	11.9	12.2
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	12.2	12.6	12.8	13.0	13.2	13.5	13.6	13.7	13.9	14.0	14.1	14.1	14.2	14.2	14.4	14.3	14.3	14.5	14.5	14.7
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	14.8	15.0	15.2	15.4	15.6	15.8	16.2	16.5	16.8	17.2	17.6	18.0	18.4	18.9	19.3	19.7	20.2	20.6	21.1	21.6
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	21.9	24.1	26.0	27.6	28.3	29.2	30.5	31.5	32.8	33.6	33.5	32.5	31.5	30.9	29.6	24.3	6.7	1.4	0.5	0.2
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
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	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

