

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	0.5	6.8	23.3	41.4	54.3	62.3	68.3	71.9	74.9
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	75.4	71.8	58.6	53.9	48.0	42.8	38.0	34.1	30.9	28.5	26.4	24.3	22.3	20.2	19.3	20.0	20.7	19.4	16.3	13.2
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	12.5	11.9	11.0	9.8	8.5	7.9	7.9	8.4	9.2	9.8	9.9	9.7	9.5	9.2	9.0	8.9	8.9	8.9	8.9	9.0
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	9.1	9.3	9.5	9.8	10.1	10.4	10.9	11.4	11.9	12.4	13.0	13.6	14.3	15.0	15.7	16.5	17.3	18.1	19.0	19.8
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	20.7	21.6	22.5	23.4	24.3	25.3	26.2	27.1	28.0	28.9	29.8	31.5	33.1	34.6	36.0	37.4				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.533	1.523	1.517	1.514	1.512	1.511	1.510
K	2.9E-06	2.0E-05	4.2E-05	5.3E-05	6.3E-05	6.1E-05	5.2E-05
P	0.915	0.918	0.919	0.920	0.920	0.921	0.921

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

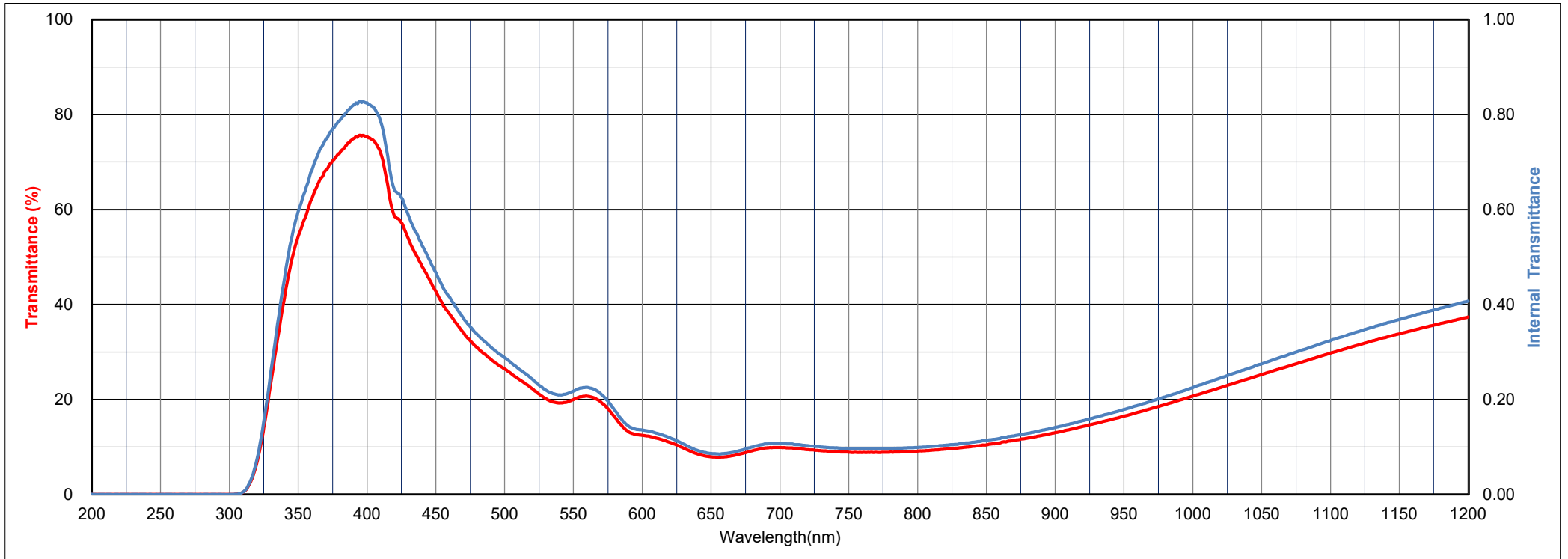
	x	y	Y	λ <sub>d</sub>	P <sub>e</sub>
A	0.343	0.361	17	487	27
C	0.225	0.215	19	474	43
D65	0.228	0.228	19	475	42

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
1	1	480	535	95	107	520	130	2.57

Tolerances of Transmittance(T)

B-R Conversion Value
V(mired)
-165±7



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	0.5	6.8	23.3	41.4	54.3	62.3	68.3	71.9	74.9
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	75.4	71.8	58.6	53.9	48.0	42.8	38.0	34.1	30.9	28.5	26.4	24.3	22.3	20.2	19.3	20.0	20.7	19.4	16.3	13.2
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	12.5	11.9	11.0	9.8	8.5	7.9	7.9	8.4	9.2	9.8	9.9	9.7	9.5	9.2	9.0	8.9	8.9	8.9	8.9	9.0
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	9.1	9.3	9.5	9.8	10.1	10.4	10.9	11.4	11.9	12.4	13.0	13.6	14.3	15.0	15.7	16.5	17.3	18.1	19.0	19.8
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	20.7	21.6	22.5	23.4	24.3	25.3	26.2	27.1	28.0	28.9	29.8	30.6	31.5	32.3	33.1	33.8	34.6	35.3	36.0	36.7
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	37.4	33.5	34.1	34.7	35.3	35.9	36.6	37.3	38.0	38.7	39.5	42.5	44.1	45.7	46.8	47.9	48.7	49.4	49.9	50.4
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	50.8	51.2	51.5	51.8	52.0	52.3	52.5	52.7	53.0	53.3	53.7	54.1	54.6	55.1	55.6	56.1	56.7	57.3	57.8	58.407
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	59.0	59.5	60.0	60.5	60.9	61.3	61.6	62.0	62.2	62.5	62.8	63.0	63.3	63.5	63.8	64.1	64.4	64.7	65.1	65.4
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	65.9	66.3	66.8	67.3	67.8	68.4	68.9	69.4	70.0	70.5	71.0	71.5	72.0	72.5	73.0	73.4	73.8	74.2	74.6	74.9
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	75.3	76.8	78.1	79.1	79.6	80.2	81.0	81.6	82.0	82.1	82.1	82.1	81.9	81.5	80.1	65.9	55.2	52.7	52.1	51.3
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	49.6	46.9	43.6	40.0	36.6	33.4	30.6	28.2	26.3	24.8	23.8	23.3	23.1	23.1	23.2	23.5	23.9	24.6	25.2	25.7
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	25.6	24.7	22.9	20.4	17.6	14.7	11.7	8.6	5.7	3.3	1.6	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

