

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.31	4.34	17.77	37.01	54.21	66.33	73.84	78.32	81.00
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	82.72	84.03	84.85	85.63	86.19	86.77	87.25	87.67	88.00	88.29	88.44	88.39	88.10	87.44	86.28	84.40	81.70	77.98	73.29	67.71
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	61.39	54.59	47.65	40.97	34.66	28.83	23.60	19.34	15.55	12.44	9.93	7.91	6.34	5.12	4.16	3.43	2.86	2.42	2.08	1.81
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	1.61	1.44	1.33	1.22	1.15	1.09	1.04	1.00	0.99	0.97	0.98	0.99	1.01	1.04	1.09	1.14	1.19	1.28	1.37	1.47
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	1.59	1.73	1.88	2.05	2.24	2.45	2.68	2.92	3.19	3.47	3.79	4.48	5.27	6.13	7.09	8.14				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.528	1.519	1.514	1.511	1.509	1.508	1.507
P	0.916	0.919	0.920	0.920	0.921	0.921	0.921

Classes of Bubbles and Inclusions

Bubble Class
0

Color Specification

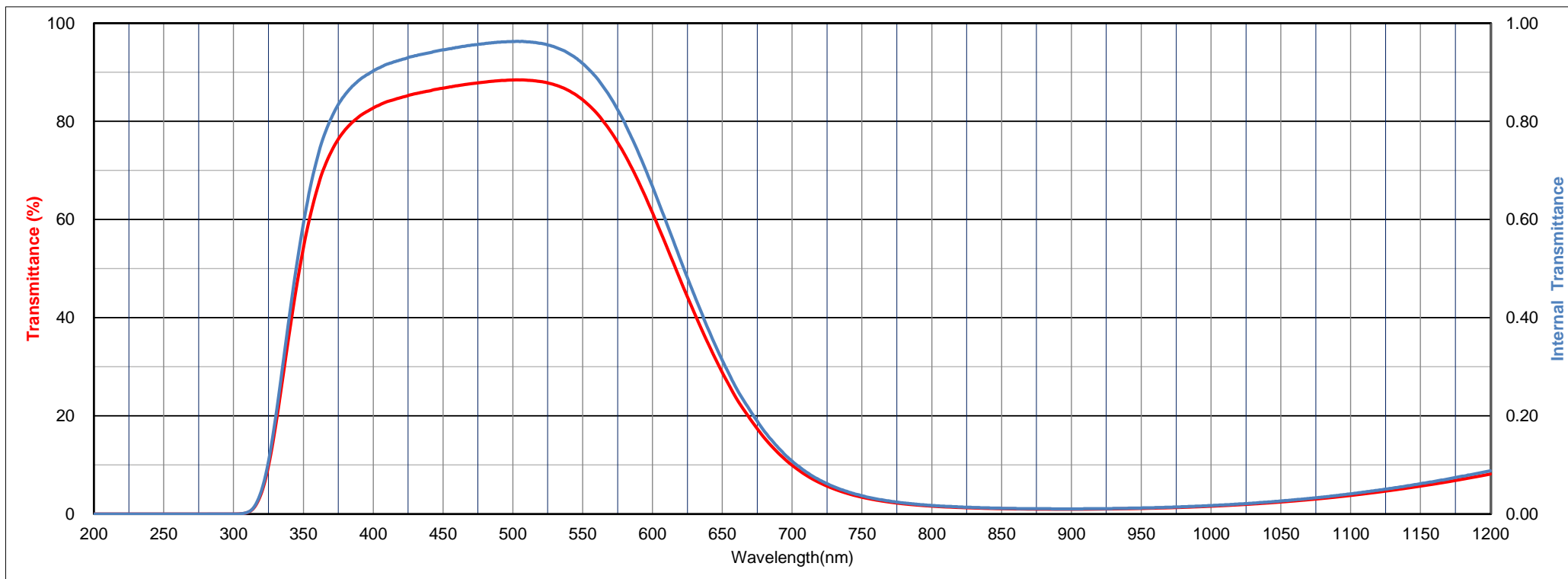
	x	y	Y	λ _d	P _e
A	0.389	0.426	71	500	13
C	0.269	0.312	76	490	16
D65	0.271	0.326	77	491	15

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	615	675	54	70	485	120	2.54

Tolerance of Transmittance (T)

Transmittance at 400nm	Transmittance at 500nm	Transmittance at 600nm
T400(%)	T500(%)	T600(%)
≥80	≥88	≥58



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	<1E-6	<1E-6	<1E-6	<1E-6	<1E-6	<1E-6	<1E-6	<1E-6	<1E-6	0.00	0.00	0.31	4.34	17.77	37.01	54.21	66.33	73.84	78.32	81.00
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	82.72	84.03	84.85	85.63	86.19	86.77	87.25	87.67	88.00	88.29	88.44	88.39	88.10	87.44	86.28	84.40	81.70	77.98	73.29	67.71
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	61.39	54.59	47.65	40.97	34.66	28.83	23.60	19.34	15.55	12.44	9.93	7.91	6.34	5.12	4.16	3.43	2.86	2.42	2.08	1.81
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	1.61	1.44	1.33	1.22	1.15	1.09	1.04	1.00	0.99	0.97	0.98	0.99	1.01	1.04	1.09	1.14	1.19	1.28	1.37	1.47
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	1.59	1.73	1.88	2.05	2.24	2.45	2.68	2.92	3.19	3.47	3.79	4.13	4.48	4.86	5.27	5.69	6.13	6.59	7.09	7.61
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	8.14	8.73	9.33	9.95	10.60	11.28	12.02	12.76	13.48	14.25	15.05	16.65	18.59	20.19	21.77	22.93	24.27	25.23	26.26	27.41
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	28.40	29.38	30.34	31.32	32.32	33.25	34.23	35.10	36.08	37.13	38.18	39.17	40.17	41.25	42.18	43.20	44.23	45.29	46.24	47.19
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	48.16	49.15	50.11	51.08	51.96	52.96	53.92	54.78	55.65	56.50	57.37	58.20	59.04	59.88	60.70	61.43	62.24	62.95	63.67	64.39
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	65.13	65.82	66.46	67.14	67.83	68.49	69.14	69.72	70.36	70.91	71.45	72.08	72.60	73.13	73.62	74.11	74.59	75.05	75.50	75.93
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	76.37	78.30	80.02	81.39	81.92	82.79	83.96	85.06	85.94	86.47	86.47	85.91	85.27	84.86	83.87	77.63	49.85	36.10	30.83	28.35
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	27.10	26.57	26.50	26.70	27.05	27.55	28.23	29.05	29.96	30.95	32.00	33.02	33.52	32.13	28.15	21.76	15.91	10.06	5.65	3.55
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	2.39	1.70	1.38	1.25	1.30	1.65	2.26	3.02	3.96	5.10	6.34	7.56	8.64	9.47	10.18	10.88	11.44	11.57	10.90	9.23
λnm	5000																			
T	6.90																			

