

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	0.00	0.00	0.01	0.20	5.37	25.50	50.41	67.52	76.89	81.67	84.09	85.48
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	86.39	87.09	87.63	88.09	88.48	88.82	89.16	89.36	89.56	89.65	89.67	89.54	89.13	88.42	87.21	85.35	82.67	79.14	74.61	69.19
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	62.93	56.14	49.00	42.01	35.27	29.06	23.45	18.92	14.92	11.74	9.19	7.21	5.70	4.56	3.68	3.02	2.53	2.16	1.88	1.68
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	1.54	1.44	1.38	1.34	1.33	1.34	1.38	1.43	1.50	1.60	1.71	1.85	2.01	2.19	2.39	2.61	2.86	3.13	3.44	3.76
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	4.13	4.52	4.95	5.41	5.90	6.43	6.99	7.60	8.22	8.89	9.62	11.18	12.92	14.77	16.81	18.98				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.525	1.518	1.514	1.511	1.509	1.509	1.508
P	0.917	0.919	0.920	0.920	0.921	0.921	0.921

Classes of Bubbles and Inclusions

Bubble Class
0

Color Specification

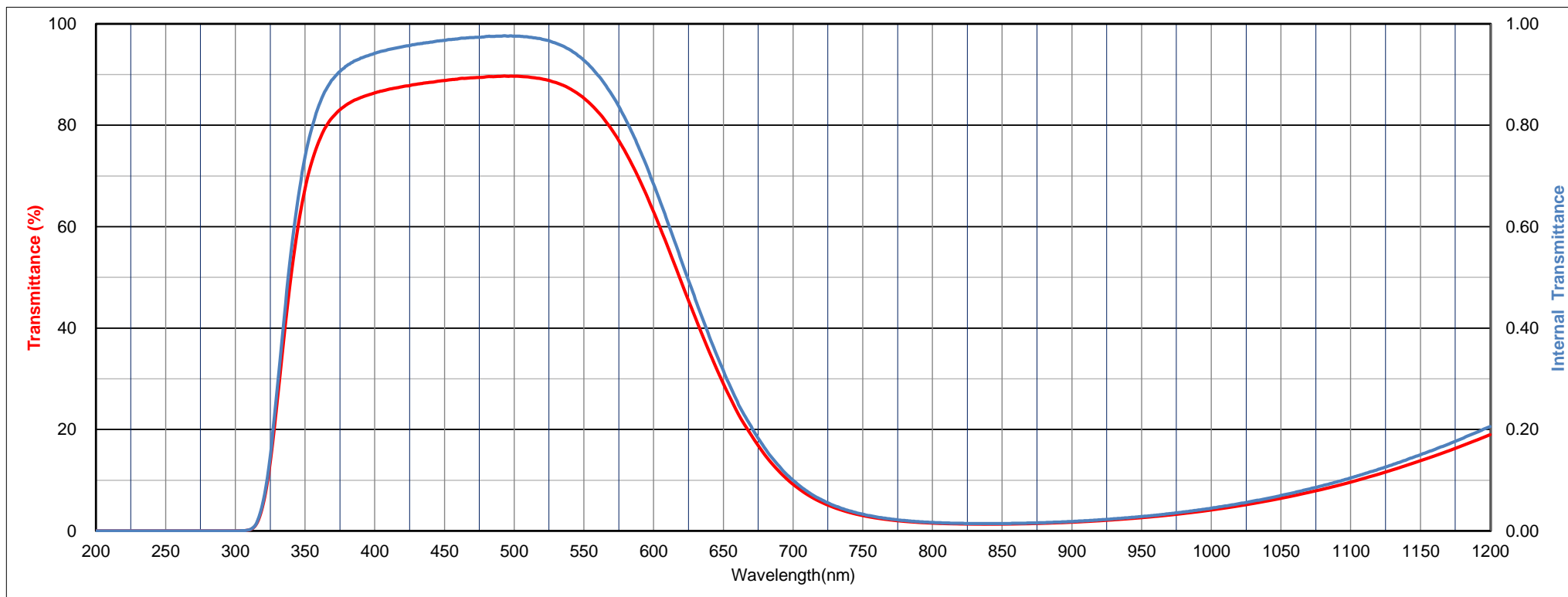
	x	y	Y	λ _d	P _e
A	0.390	0.425	72	500	13
C	0.269	0.310	77	489	16
D65	0.272	0.325	78	490	15

Properties

Chemical		Thermal				Mechanical		Others
D _w	D _A	T _g	T _s	α _{-30/70}	α _{100/300}	H _K	F _A	d
2	4	370	405	127	158	380	520	3.40

Tolerance of Transmittance (T)

Transmittance at 400nm	Transmittance at 500nm	Transmittance at 600nm
T400(%)	T500(%)	T600(%)
≥86	≥89	≥60



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	0.00	0.00	0.01	0.20	5.37	25.50	50.41	67.52	76.89	81.67	84.09	85.48
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	86.39	87.09	87.63	88.09	88.48	88.82	89.16	89.36	89.56	89.65	89.67	89.54	89.13	88.42	87.21	85.35	82.67	79.14	74.61	69.19
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	62.93	56.14	49.00	42.01	35.27	29.06	23.45	18.92	14.92	11.74	9.19	7.21	5.70	4.56	3.68	3.02	2.53	2.16	1.88	1.68
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	1.54	1.44	1.38	1.34	1.33	1.34	1.38	1.43	1.50	1.60	1.71	1.85	2.01	2.19	2.39	2.61	2.86	3.13	3.44	3.76
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	4.13	4.52	4.95	5.41	5.90	6.43	6.99	7.60	8.22	8.89	9.62	10.40	11.18	12.04	12.92	13.84	14.77	15.76	16.81	17.87
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	18.98	20.16	21.34	22.55	23.83	25.07	26.40	27.75	29.04	30.35	31.68	32.51	35.16	37.83	40.20	42.02	43.67	45.20	46.46	47.84
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	48.99	50.16	51.29	52.44	53.49	54.58	55.62	56.57	57.62	58.67	59.57	60.61	61.55	62.47	63.38	64.29	65.17	66.07	66.88	67.68
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	68.47	69.22	69.99	70.73	71.37	72.08	72.78	73.40	74.02	74.65	75.23	75.82	76.35	76.91	77.45	77.93	78.45	78.89	79.32	79.76
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	80.20	80.59	80.95	81.30	81.66	82.02	82.36	82.68	83.00	83.29	83.58	83.88	84.13	84.40	84.64	84.88	85.09	85.31	85.51	85.70
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	85.89	86.74	87.46	88.02	88.47	88.86	89.21	89.50	89.74	89.84	90.00	90.31	90.81	91.21	91.17	90.51	89.22	87.30	85.40	84.13
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	83.19	82.47	81.90	81.53	81.37	81.40	81.58	81.82	82.00	82.23	82.41	82.72	83.04	83.40	83.74	83.90	83.71	82.85	81.13	78.14
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	73.25	65.20	53.24	39.27	26.82	18.81	12.98	8.70	6.01	4.42	3.40	2.76	2.50	2.59	2.89	3.55	4.86	7.12	10.94	16.66
λnm	5000																			
T	23.17																			

