

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	0.2	18.5	59.3	79.6	87.0	89.2	90.3	90.5	90.8	91.0	90.9	91.3
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	91.1	91.3	91.4	91.4	91.5	91.3	91.5	91.5	91.6	91.5	91.7	91.7	91.8	91.8	91.8	92.0	91.9	92.0	92.0	92.1
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	92.2	92.2	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.7	92.8	92.9	92.9	93.1	93.0	93.0	93.2	92.4	92.3	92.3
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	92.3	92.4	92.4	92.5	92.5	92.5	92.8	92.5	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.9	93.0	92.9	93.0
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.5	93.4	93.4				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.524	1.509	1.501	1.497	1.494	1.492	1.491
K	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
P	0.917	0.921	0.923	0.924	0.925	0.925	0.925

Classes of Bubbles and Inclusions

Bubble Class
3

Color Specification

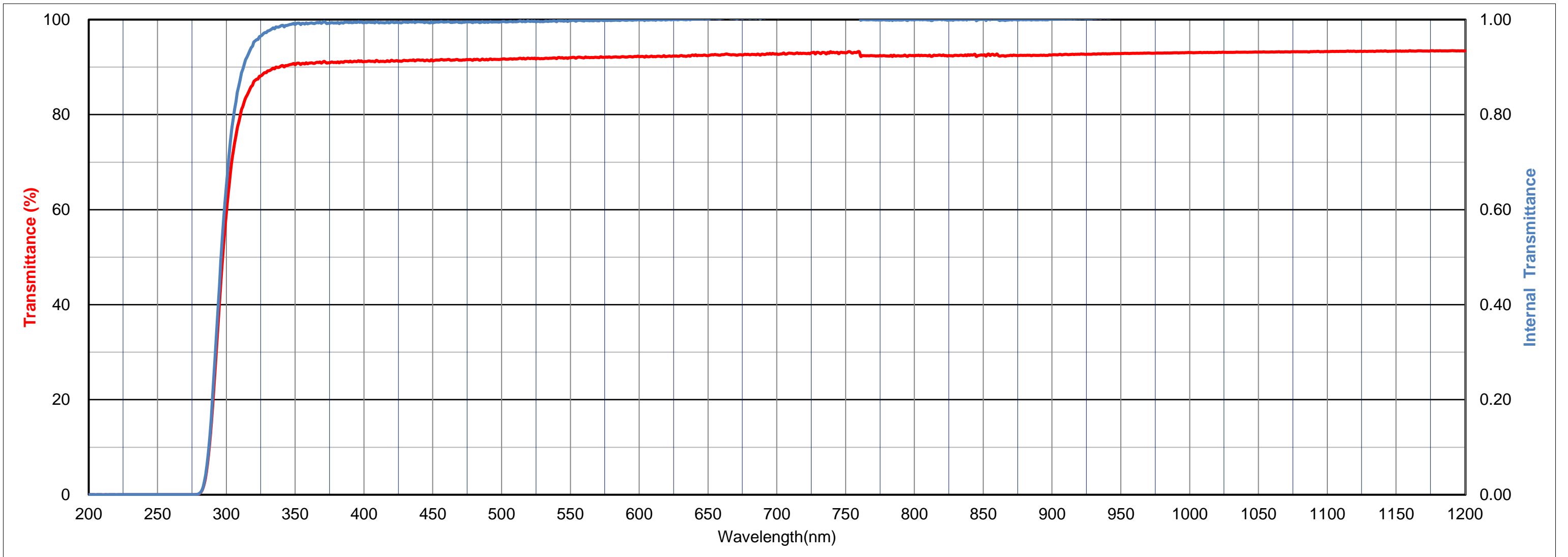
	x	y	Y	λ _d	P _e
A	-	-	-	-	-
C	-	-	-	-	-
D65	-	-	-	-	-

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	1	533	622	60	65	515	80	2.50

Tolerance of Transmittance (T)

Transition Wavelength	Transition Interval	Average High Transmittance
λ T	Δ λ	Th(%)
300±7 nm	< 40 nm	> 85 %





HOYA CANDEO OPTRONICS CORPORATION

Thickness 2.50 mm

UV30N

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	0.2	18.5	59.3	79.6	87.0	89.2	90.3	90.5	90.8	91.0	90.9	91.3
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	91.1	91.3	91.4	91.4	91.5	91.3	91.5	91.5	91.6	91.5	91.7	91.7	91.8	91.8	91.8	92.0	91.9	92.0	92.0	92.1
λnm	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
T	92.2	92.2	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.7	92.8	92.9	92.9	93.1	93.0	93.0	93.2	92.4	92.3	92.3
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	92.3	92.4	92.4	92.5	92.5	92.5	92.8	92.5	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.9	93.0	92.9	93.0
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190
T	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.5	93.4	93.4	93.4
λnm	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390
T	93.4	93.5	93.5	93.4	93.4	93.5	93.5	93.5	93.5	93.4	93.4	93.5	93.5	93.4	93.4	93.4	93.3	93.4	93.4	93.4
λnm	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590
T	93.2	93.3	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	92.7	92.4	92.1	92.6	92.7	92.6	92.9	92.7	92.4
λnm	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790
T	92.6	92.4	92.3	92.4	92.6	92.4	92.6	92.8	92.6	92.6	92.6	92.6	92.6	92.7	92.9	92.7	92.7	92.8	92.7	92.7
λnm	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990
T	92.6	92.5	92.3	92.2	92.2	92.2	92.2	91.8	92.2	92.3	92.2	92.1	92.1	92.0	92.0	92.1	92.0	92.0	92.0	91.8
λnm	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950
T	91.8	91.6	91.4	91.2	90.2	89.4	89.3	89.5	88.8	88.2	87.4	85.9	85.6	85.3	81.3	53.2	43.2	41.5	41.8	42.6
λnm	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
T	42.7	42.4	41.6	40.8	39.7	38.3	36.6	34.8	33.1	31.2	29.4	27.7	26.3	25.0	23.9	22.8	21.9	21.4	21.0	20.7
λnm	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950
T	19.9	18.2	15.5	12.3	9.3	6.7	4.9	3.5	2.1	1.1	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
λnm	5000																			
T	0.0																			

