

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	2.9	18.1	39.3	56.9	68.5	75.9	80.4	81.7	81.7	79.5
λnm	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590
T	71.5	61.0	49.1	35.3	23.2	12.7	5.2	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	1.9	15.5	41.5	64.5	77.9	84.1	86.6	87.4	87.4	87.2
λnm	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
T	86.7	86.2	85.8	85.2	84.5	83.8	82.9	82.0	81.1	80.0	78.8	77.6	76.1	74.5	72.7	70.7	68.4	65.8	62.7	59.4
λnm	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1120	1140	1160	1180	1200				
T	55.7	51.6	47.2	42.5	37.7	32.9	28.2	23.6	19.5	15.7	12.3	7.2	3.9	2.1	1.1	0.6				

Refractive Index/Absorption coefficient/Reflection coefficient

λnm	400	500	600	700	800	900	1000
n	1.541	1.533	1.528	1.526	1.524	1.522	1.521
K	3.2E-06	1.1E-04	1.7E-04	8.4E-05	8.3E-07	4.0E-06	1.3E-05
P	0.913	0.915	0.916	0.917	0.917	0.918	0.918

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
2	1	515	565	-	102	540	110	2.62

Tolerance of Transmittance (T)

Maximum Transmittance	Less than 1% Wavelength at Short wave Side	Less than 5% Wavelength at Long wave Side
T <sub>max</sub> (%)	λs1(nm)	λl5(nm)
82±3	>290	<480

