

DATA SHEET

HOYA UV30N

HOYA

HOYA CORPORATION OPTICS SECTION

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	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
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

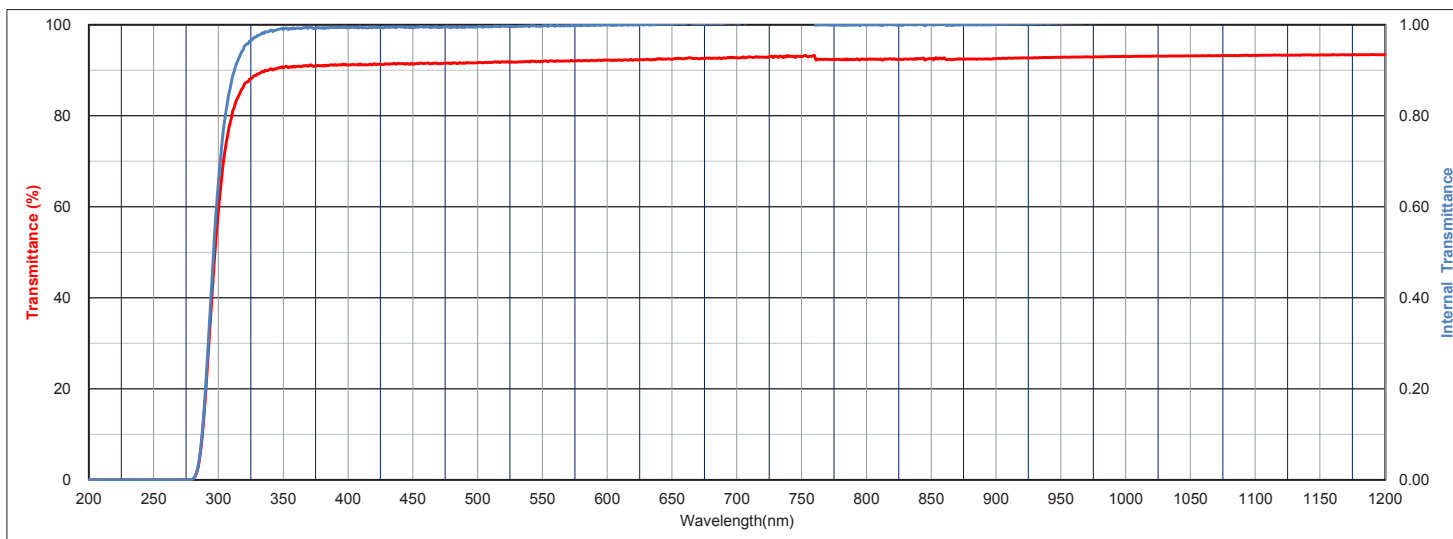
	x	y	Y	λ _d	P _e
A	-	-	-	-	-
C	-	-	-	-	-
D65	-	-	-	-	-

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 %



All data is mean values of various melts.

The content of this catalog is accurate as of October ,2020

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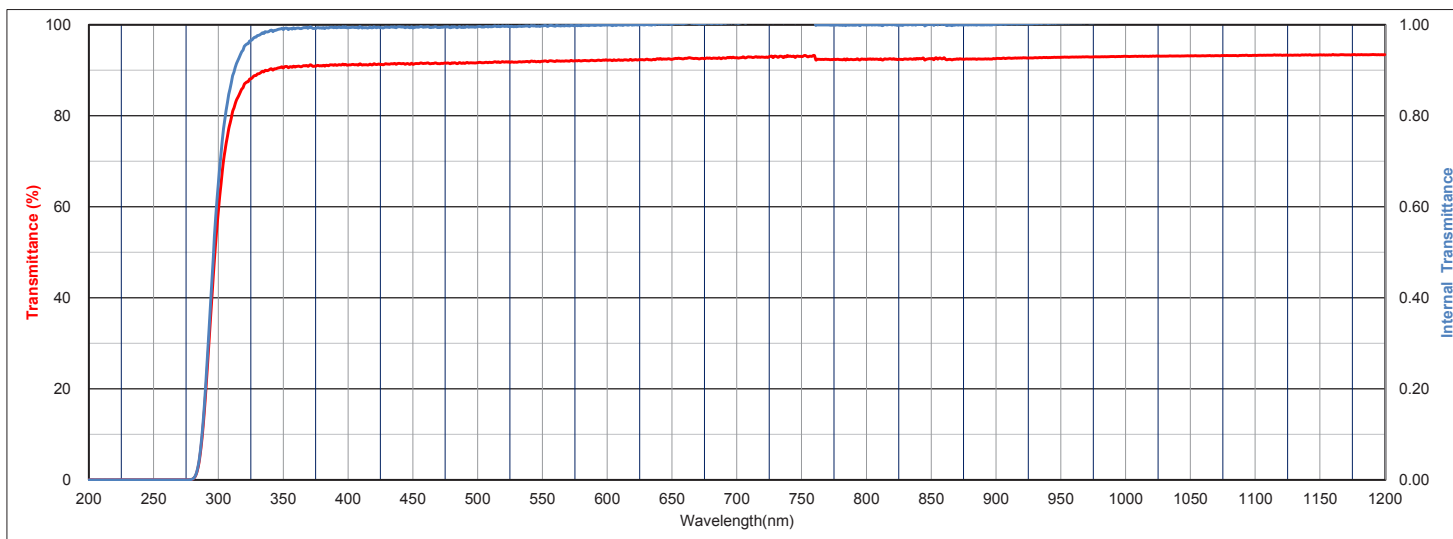
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C	-	-	-	-	-
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