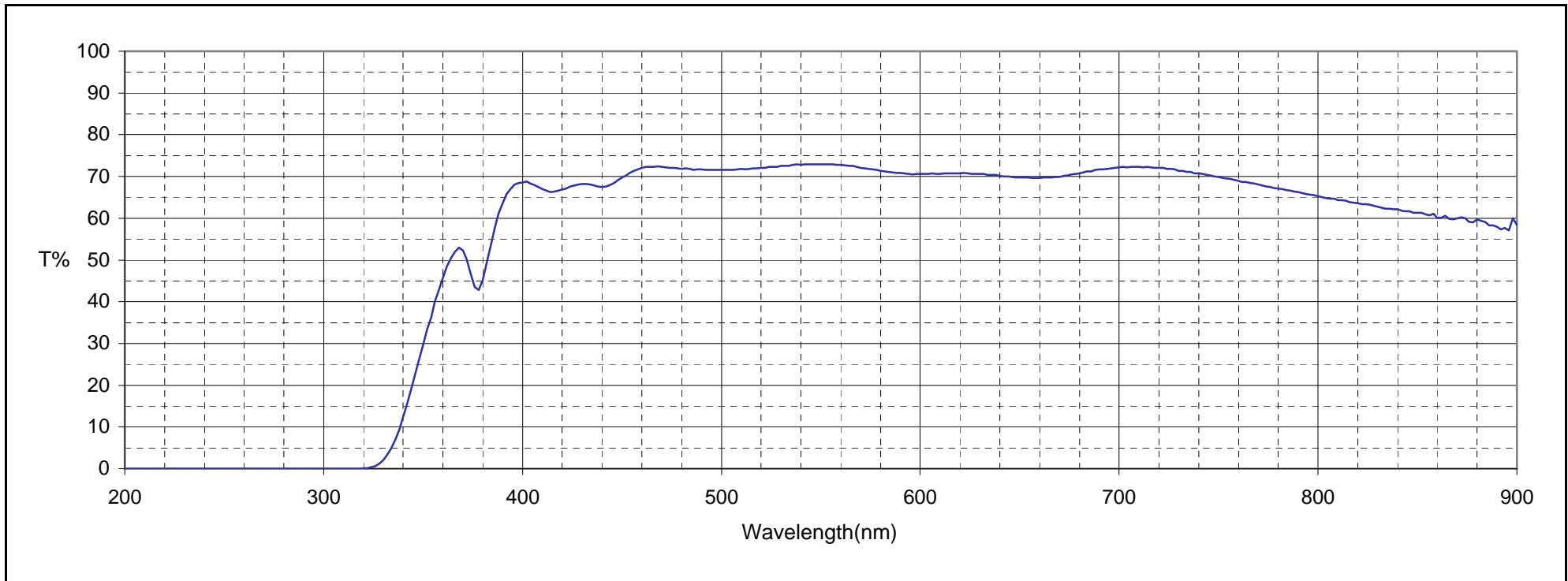


SPECTRUM DATA

OPTIMA AB70

DATE : Feb.24.1999

Wavelength(nm)	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340
Transmissivity(%)	0.046	0.043	0.044	0.046	0.044	0.041	0.041	0.038	0.043	0.043	0.043	0.044	0.081	2.104	12.360
Wavelength(nm)	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490
Transmissivity(%)	29.790	45.690	52.220	45.270	63.510	68.540	66.950	66.810	68.230	67.530	69.760	72.080	72.340	71.810	71.660
Wavelength(nm)	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640
Transmissivity(%)	71.580	71.820	72.070	72.510	72.810	72.900	72.790	72.120	71.360	70.820	70.600	70.620	70.750	70.570	70.100
Wavelength(nm)	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
Transmissivity(%)	69.740	69.660	69.920	70.780	71.670	72.200	72.280	72.090	71.400	70.680	69.870	68.980	68.020	67.120	66.240
Wavelength(nm)	800	808	810	820	830	840	850	860	870	880	890	900			
Transmissivity(%)	65.260	64.640	64.380	63.590	62.810	62.110	61.250	60.150	59.980	59.700	57.860	58.36			



Color Glass Filter (OPTIMA INC. JAPAN)

- 1) Model : OPTIMA AB70 (Hoya ND70 Equivalent)
- 2) Melt No.: 961232
- 3) Size : 50mm x 50mm x 2mm t
- 4) Test No.: 991009

Inspector : Technomart Inc. Eng. Div.

SEO, IL-SOO