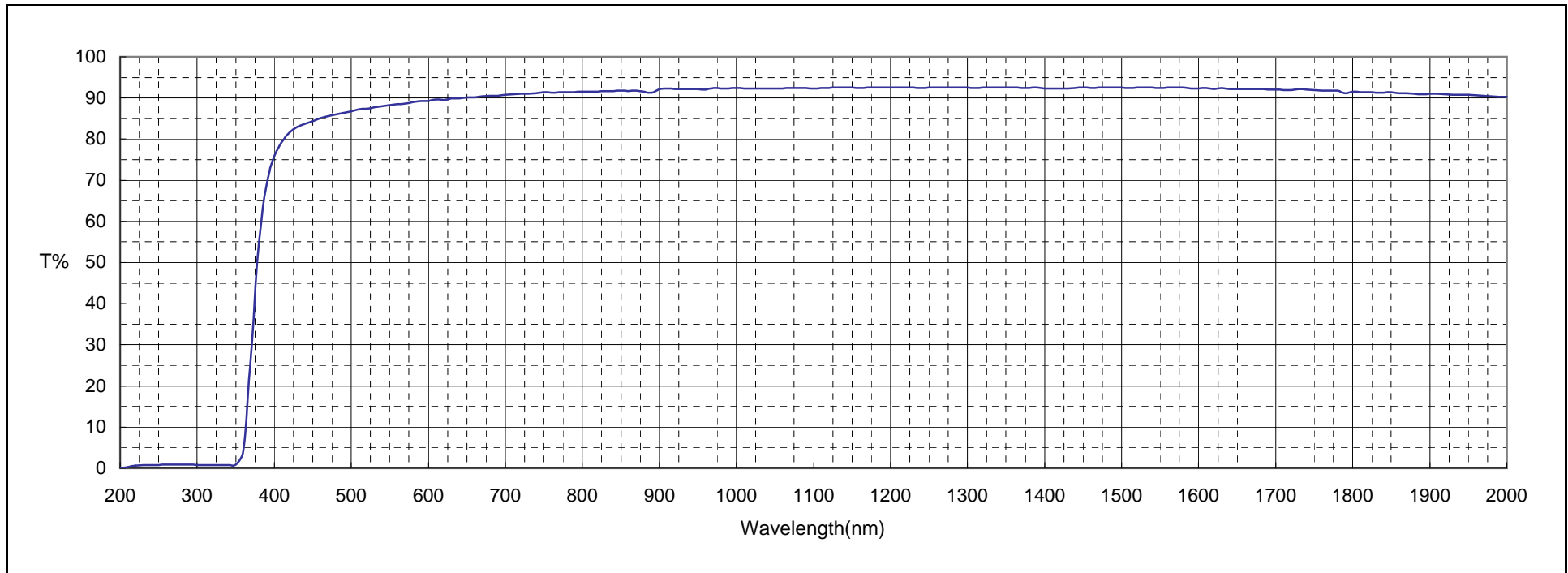


SPECTRUM DATA(NIR)

OPTIMA WB380

DATE : Sep.02. 1999

Wavelength(nm)	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500
Transmissivity(%)	0.619	0.781	0.832	0.828	0.815	0.809	0.819	4.010	54.231	75.849	81.628	83.733	85.118	85.925	86.799
Wavelength(nm)	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800
Transmissivity(%)	87.384	88.028	88.559	88.979	89.241	89.554	89.959	90.210	90.555	90.842	90.993	91.102	91.228	91.377	91.527
Wavelength(nm)	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1080	1100
Transmissivity(%)	91.497	91.689	91.689	91.585	92.141	92.146	92.136	92.046	92.281	92.376	92.311	92.301	92.322	92.416	92.355
Wavelength(nm)	1130	1160	1190	1220	1250	1280	1310	1340	1370	1400	1430	1460	1490	1520	1550
Transmissivity(%)	92.500	92.479	92.518	92.501	92.570	92.559	92.450	92.531	92.450	92.359	92.343	92.465	92.581	92.528	92.460
Wavelength(nm)	1580	1610	1640	1670	1700	1730	1760	1790	1820	1850	1880	1910	1940	1970	2000
Transmissivity(%)	92.490	92.461	92.228	92.110	92.081	92.125	91.741	91.181	91.396	91.385	91.036	90.997	90.816	90.509	90.264



Color Glass Filter (OPTIMA INC. JAPAN)

- 1) Model : OPTIMA WB380
- 2) Melt No. 970717
- 3) Size : 50mm x 50mm x2mm t
- 4) Test No : 991007

Inspector : Technomart Inc. Eng. Div.

SEO, IL-SOO