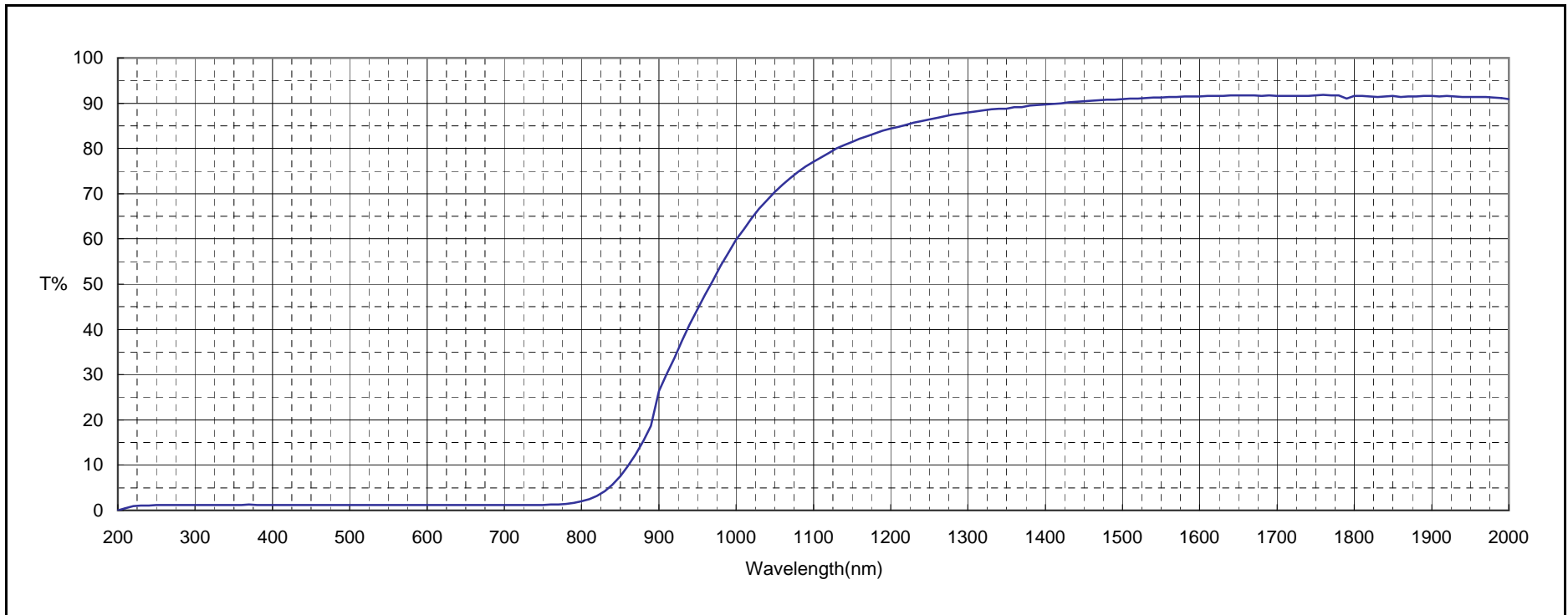


SPECTRUM DATA(NIR)

OPTIMA HWB3

DATE : Sep.02. 1999

Wavelength(nm)	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500
Transmissivity(%)	0.932	1.107	1.169	1.191	1.180	1.180	1.188	1.218	1.173	1.193	1.195	1.193	1.197	1.205	1.167
Wavelength(nm)	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800
Transmissivity(%)	1.211	1.200	1.216	1.196	1.196	1.201	1.191	1.193	1.201	1.199	1.207	1.223	1.270	1.444	1.956
Wavelength(nm)	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1080	1100
Transmissivity(%)	3.214	5.698	9.808	15.402	26.382	33.716	40.989	47.597	54.078	59.780	64.507	68.576	71.927	74.792	77.082
Wavelength(nm)	1130	1160	1190	1220	1250	1280	1310	1340	1370	1400	1430	1460	1490	1520	1550
Transmissivity(%)	79.978	82.129	83.897	85.243	86.444	87.417	88.155	88.739	89.184	89.679	90.139	90.533	90.816	91.033	91.307
Wavelength(nm)	1580	1610	1640	1670	1700	1730	1760	1790	1820	1850	1880	1910	1940	1970	2000
Transmissivity(%)	91.507	91.578	91.674	91.692	91.653	91.645	91.865	90.971	91.494	91.616	91.496	91.448	91.405	91.317	90.942



Color Glass Filter (OPTIMA INC. JAPAN)

Inspector : Technomart Inc. Eng. Div.

- 1) Model : OPTIMA HWB3
- 2) Melt No.: 971203
- 3) Size : 50mm x 50mm x2mm t
- 4) Test No : 991007

SEO, IL-SOO