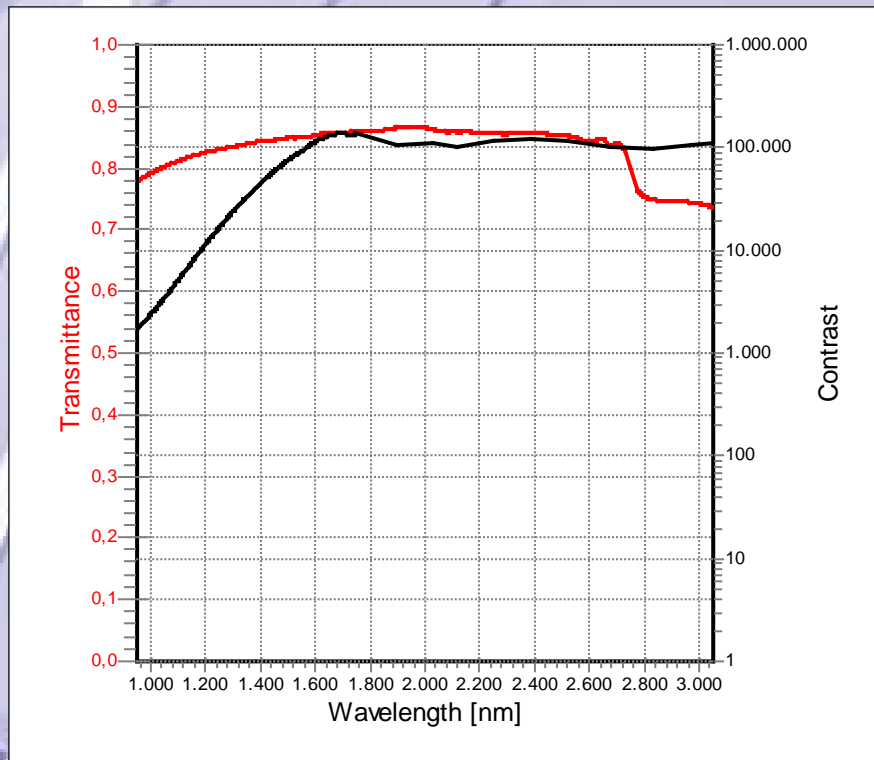


# colorPol® Polarizer

## colorPol® NIR

Spectral range	NIR
Wavelength range with <b>contrast &gt; 10 000 : 1</b> <sup>(1)</sup>	1200 to 3000 nm
Wavelength range with <b>contrast &gt; 1 000 : 1</b> <sup>(1)</sup>	1000 to 3000 nm
Transmittance (uncoated) range 1000 - 2700 nm	> 77 %
Transmittance (uncoated) range 2700 - 3000 nm	> 70 %
Filter thickness <sup>(2)</sup>	250 ± 65 µm
Surface imperfections (scratch / dig)	60 / 40 (MIL-O-13830A)
Acceptance angle	± 20°
Polarization axis	< 0.5° to indicated edge
Operating temperature	-50 to +400 °C
<sup>(1)</sup> contrast: ratio of parallel to perpendicular transmittance	
<sup>(2)</sup> other thicknesses on request	
Date: 04.11.2011	



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