

colorPol® Polarizer

colorPol® NIR	
Spectral range	NIR
Wavelength range with contrast > 10 000 : 1 ⁽¹⁾	1200 to 3000 nm
Wavelength range with contrast > 1 000 : 1 ⁽¹⁾	1000 to 3000 nm
Transmittance (uncoated) range 1000 - 2700 nm	> 77 %
Transmittance (uncoated) range 2700 - 3000 nm	> 70 %
Filter thickness ⁽²⁾	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
⁽¹⁾ contrast: ratio of parallel to perpendicular transmittance	Date: 04.11.2011
⁽²⁾ other thicknesses on request	

