

colorPol® Polarizer

colorPol® IR 1100 BC4	
Spectral range	VIS-NIR
Wavelength range with contrast > 100 000 : 1 ⁽¹⁾	900 to 1200 nm
Transmittance (uncoated)	> 85 % up to 87 %
Wavelength range with contrast > 10 000 : 1 ⁽¹⁾	750 to 1400 nm
Transmittance (uncoated)	> 83 % up to 87 %
Wavelength range with contrast > 1 000 : 1 ⁽¹⁾	650 to 1700 nm
Transmittance (uncoated)	> 80 % up to 88 %
Filter thickness ⁽²⁾	220 ± 50 µm
Acceptance angle	± 20°
Polarization axis	< 0.5° to edge
Operating temperature	-50 to +400 °C
⁽¹⁾ contrast: ratio of parallel to perpendicular transmittance ⁽²⁾ other thicknesses on request	
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