

colorPol® Polarizer

colorPol® IR 1300 BC5	
Spectral range	VIS-NIR
Wavelength range with contrast > 100 000 : 1 ⁽¹⁾ Transmittance (uncoated)	850 to 1600 nm > 82 % up to 86 %
Wavelength range with contrast > 10 000 : 1 ⁽¹⁾ Transmittance (uncoated)	750 to 1800 nm > 80 % up to 87 %
Wavelength range with contrast > 1 000 : 1 ⁽¹⁾ Transmittance (uncoated)	650 to 2000 nm > 76 % up to 87 %
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	
Date: 08.10.2009	

