

glass sheet polarizer	
colorPol[®] IR 950 BC4 CW02 003534	
linear VIS-NIR-polarizer	Date: 13.07.2009

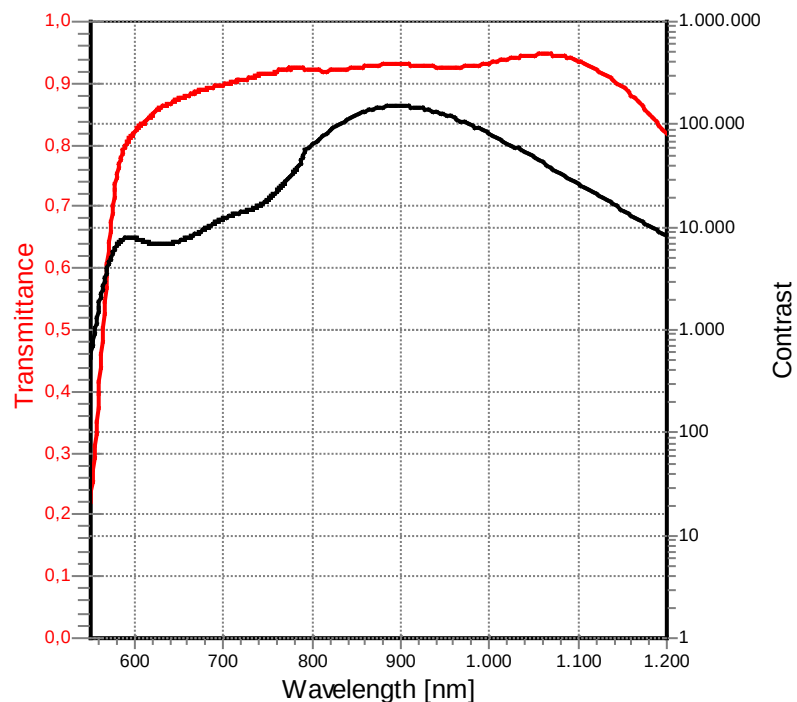
Wavelength range with **contrast > 10 000 : 1**
 (Contrast = ratio of parallel and perpendicular transmittance)
 Transmittance (antireflection coating, 0° incident angle)

800 to 1100 nm
 > 90 % up to 94 %

Wavelength range with **contrast > 1 000 : 1**
 Transmittance (antireflection coating, 0° incident angle)

600 to [1150] nm
 > 82 % up to 94 %

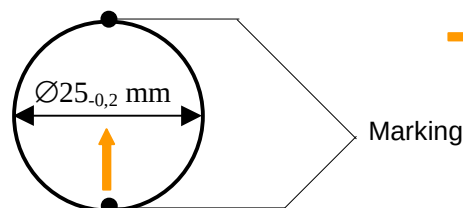
Spectral response



Filter thickness

2,0 ± 0,2 mm

Filter size



→ Polarization (electric field vector of transmitted light)

Clear aperture

90 % of surface dimension

Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Wavefront distortion (Ø10 mm)

< λ/4 at 633 nm

Acceptance angle (coating reference for 0°)

± 20°

Operating temperature

-20 .. +120 °C