

glass sheet polarizer	
colorPol[®] IR 950 BC4 003121	
linear VIS-NIR-polarizer	Date: 27.01.2010

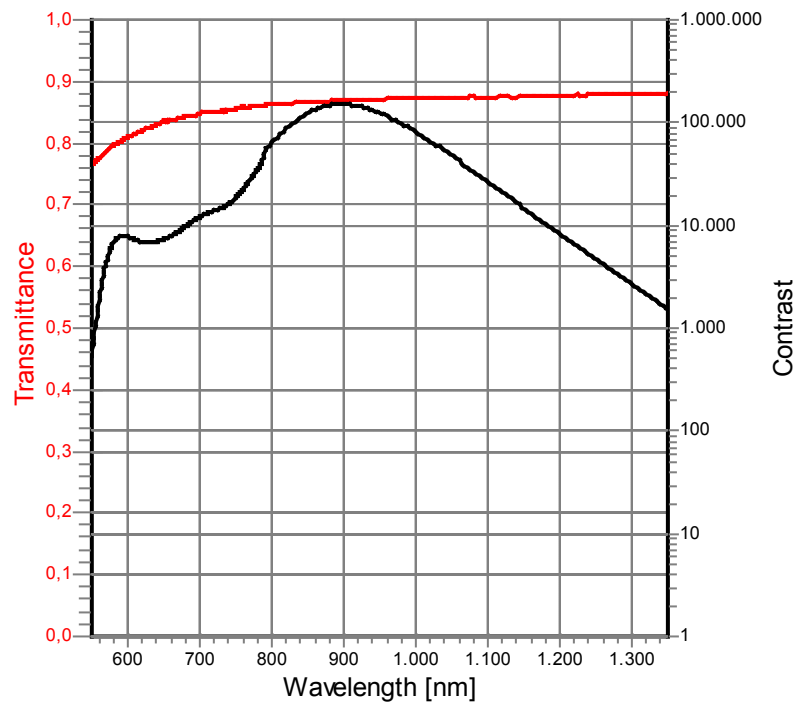
Wavelength range with **contrast > 10 000 : 1**
 (Contrast = ratio of parallel and perpendicular transmittance)
 Transmittance (uncoated)

800 to 1100 nm
 > 85 % up to 87 %

Wavelength range with **contrast > 1 000 : 1**
 Transmittance (uncoated)

600 to 1320 nm
 > 80 % up to 88 %

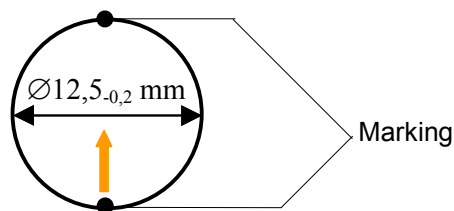
Spectral response



Filter thickness

$2,0 \pm 0,2$ mm

Filter size



→ Polarization (electric field vector of transmitted light)

Clear aperture

90 % of surface dimension

Wavefront distortion (Ø10 mm)

$< \lambda/4$ at 633 nm

Acceptance angle

$\pm 20^\circ$

Operating temperature

-20 .. +120 °C