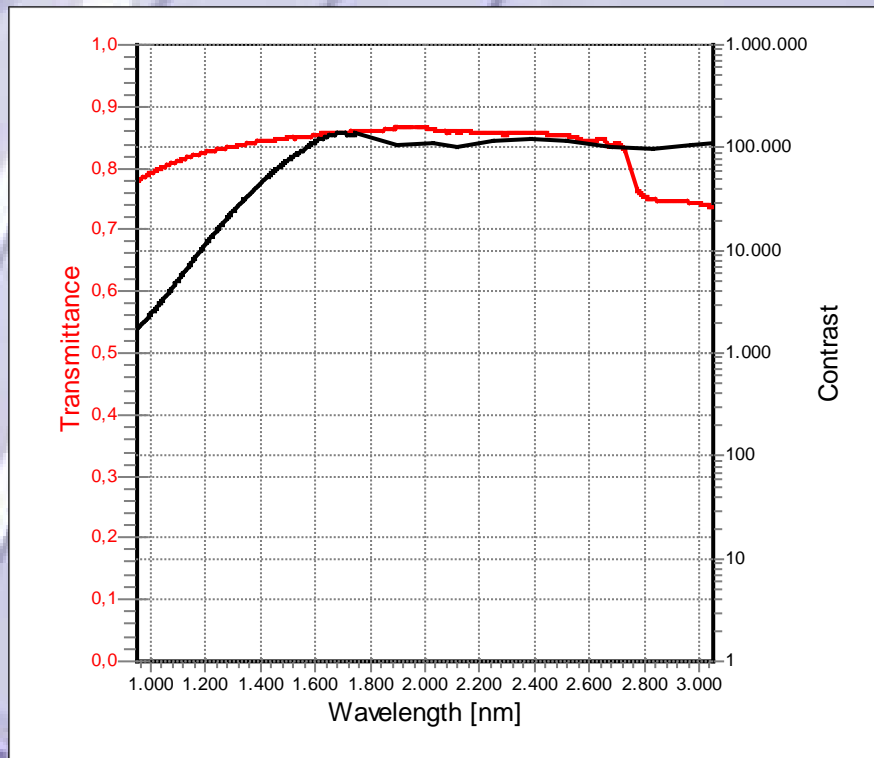


colorPol[®] Polarizer

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 % (glass absorption) |
| Filter thickness ⁽²⁾ | 250 ± 65 µm |
| Surface imperfections (scratch / dig) | 60 / 40 (MIL-O-13830A) |
| 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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