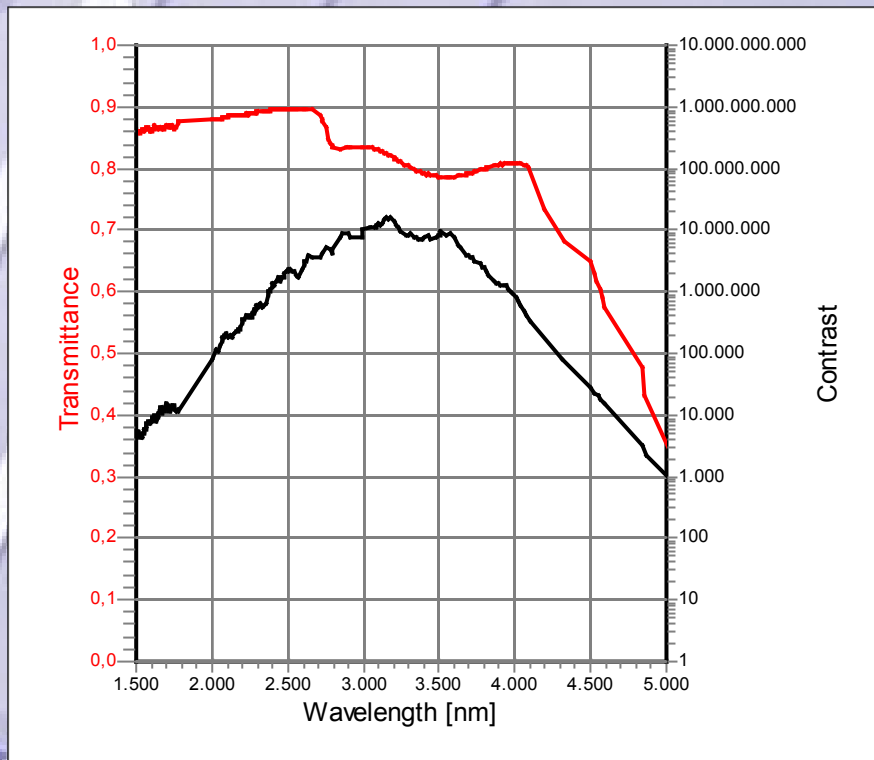


# colorPol<sup>®</sup> Polarizer

<b>colorPol<sup>®</sup> MIR</b>	
Spectral range	MIR
Wavelength range with <b>contrast &gt; 10 000 : 1</b> <sup>(1)</sup> Transmittance (uncoated)	2000 to 4500 nm > 65 % up to 90 %
Wavelength range with <b>contrast &gt; 1 000 : 1</b> <sup>(1)</sup> Transmittance (uncoated)	1500 to 5000 nm > 35 % up to 90 %
Filter thickness <sup>(2)</sup>	200 ± 50 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
<sup>(1)</sup> contrast: ratio of parallel to perpendicular transmittance	
<sup>(2)</sup> other thicknesses on request	
Date: 12.01.2009	



**CODIXX AG**

Steinfeldstraße 3  
D-39179 Barleben  
Germany

Phone: +49 39203 963 0  
Fax: +49 39203 963 33  
Email: colorpol@codixx.de  
Internet: www.codixx.de

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