

Calendered, rigid PVC film. Technical quality (non - food), for lampshades and light boxes.

**Characteristics** Translucent rigid PVC film, impact modified, antistatic treated and UV stabilized. Suitable for offset UV-, digital-, screen-, flexo- and gravure printing.

Surface finish	gls/gls (2020)	smt/cmt (3040)	mtt/smt (5030)	mtt/cmt (5040)
<b>Thickness range (mm)</b>	0,100 - 0,350	0,150 - 0,300	0,150 - 0,400	0,150 - 0,400
<b>Embossings *</b>	<b>Fine</b>	<b>Grob 1</b>	<b>Grob 2</b>	
Roughness (Rz µm)	3 - 6	10 - 14	20 - 30	
* further embossings upon request				
<b>Colours</b>	Standard: white 1169			

Properties	Value		Unit	Test method
<b>Thickness tolerances</b>				In accordance to DIN ISO 4593 (95% of all measurements)
< 0,200 mm	±10		%	
0,200 – 0,400 mm	± 7			
<b>Density</b>	1,34 ± 0,02 (without pigments)		<b>g/cm<sup>3</sup></b>	DIN EN ISO 1183-1:2004
<b>Tensile impact strength</b>	> 500 (mtt/mtt)		<b>kJ/m<sup>2</sup></b>	DIN EN ISO 8256
<b>Tensile strength</b>	> 42		<b>N/mm<sup>2</sup></b>	DIN EN ISO 527-1-3
<b>Vicat softening point</b>	77 ± 2		<b>°C</b>	DIN EN ISO 306 procedure VST/B50 as pressed sheet
<b>MD expansion due to heat **</b>	(gls/gls)	(mtt/mtt)	%	In accordance to DIN 53377 (140°C/10min)
< 0,200 mm	max. - 7	max. -12		
0,200 – 0,400 mm	max. - 5	max. - 8		
** +3% in case of embossed films				
<b>Surface tension</b>	glz/glz (2020) mtt/mtt (505R)	≥ 32 both sides ≥ 34 both sides	<b>nN/m</b> (dyn/cm)	In accordance to DIN ISO 8296:2008-03 measured with inks (pens)

**Processing advice:**

To avoid static, the film should be processed at room temperature of 20 to 23°C and a relative humidity between 50 - 60 %.

**Storage conditions:**

We recommend storing in original packaging at room temperature below 30°C not directly exposed to sun light and humidity. After transport and storage in cold temperature, acclimatisation of 1 hour per reel diameter or stacking height is necessary.