

Technický list PVCBACKLIT

Calendered, rigid PVC film. The formulation of our product is in compliance with Regulation (EU) No 10/2011. The rest monomer content regarding Vinylchlorid is max. 1,0 ppm. The film complies with the guideline 94/62 EC ("Packaging and Packaging waste") and is suitable for direct contact with foodstuffs*.

Characteristics Backlite rigid PVC film, impact modified. Suitable for offset UV-, digital-, screen-, flexo- and gravure printing.

Thickness 240mic

Surface: matt

Properties	Value		Unit	Test method
Thickness tolerances < 0,200 mm 0,200 – 0,400 mm > 0,400 mm	± 10 ± 7 ± 5		%	In accordance to DIN 53370 (95% of all measurements)
Density	1,34 ± 0,02 (without pigments)		g/cm³	DIN EN ISO 1183-1:2004
Tensile impact strength	> 600 (surface gls/gls)		kJ/m²	DIN EN ISO 8256
Tensile strength	> 42		N/mm²	DIN EN ISO 527-1-3
Vicat softening point	74 ± 2		°C	DIN EN ISO 306 procedure VST/B50 as pressed sheet
MD expansion due to heat *** < 0,100 <0,200 mm 0,200 – 0,400 mm > 0,400 mm	(gls/gls) max.- 15 max.-7 max.- 5 max.- 4	(mtt/mtt) n.a. max.-12 max.- 8 max.- 7	%	In accordance to DIN 53377 (140°C/10 min)
<small>*** + 3% in case of embossed films</small>				
Surface tension	gls/gls (2020) mtt/mtt (505R) mtt/mtt (505R)	≥ 34 both sides ≥ 38 roll-sides ≥ 36 air-side	mN/m (dynes/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 condition

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 cm reel diameter or stacking height is necessary.