



Type: PR 316

Calendered, rigid PVC film. The film complies with the guideline 2002/72 EC ("Clearance Certificate for items used in contact with foodstuffs") as well as with 94/62 EC ("Packaging and Packaging waste").						
Characteristics	Opaque rigid PVC film. High impact modification and suitable for screen, flexo and gravure printing					
Surface finish	gls/gls (2020)	gls/hgl (202E)	mtt/gls (5020)	mtt/smt (5030)	mtt/mtt (505R)	xxm/xxm (6060)
Thickness range (mm)	0,100 - 1,000	0,200 - 1,000	0,150 - 0,800	0,140 - 0,300	0,150 - 0,850	0,120 - 1,000
Embossings *	Fine	Grob 1	Grob 2			
Roughness (Rz µm)	3 - 6	10 - 14	20 - 30			
* further embossings upon request						
Colours	Standard : white 1522, white 1305 (extra opaque) Colours according to the colour swatch					
Properties	Value			Unit	Test method	
Thickness tolerances < 0,200 mm 0,200 – 0,400 mm > 0,400 mm	± 10 ± 7 ± 5			%	DIN 53370 (95% of all measurements)	
Density	1,32 ± 0,01 (without pigments)			g/cm ³	DIN 53479	
Tensile impact strength	> 650 (surface gls/gls)			kJ/m ²	DIN EN ISO 8256	
Tensile strength	> 40			N/mm ²	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 ** < 0,200 mm 0,200 – 0,400 mm > 0,400 mm	(gls/gls) max.- 7 max.- 5 max.- 4	(mtt/mtt) max.- 12 max.- 8 max.- 7		%	In accordance to DIN 53377 (140°C/10 min)	
** + 3% in case of embossed films						
Surface tension	gls/gls (2020) mtt/mtt (505R)	≥ 32 both sides ≥ 35 both sides		mN/m (dynes/cm)	In accordance to DIN 53364 measured with inks (pens)	
<p>Processing advice: To avoid static, the film should be processed at room temperature of 20 to 23° and a relative humidity between 50 – 60 %.</p> <p>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.</p>						