






Technical data sheet

PET-A FILM TYPE 1XX FORMING FILMS

Configuration		
outside layers	PET-A virgin resin, anti-blocking agents	
middle layers (type 100)	100% PET-A virgin resin	
middle layers (type 120)	< 20% recycled material	
middle layers (type 140)	< 40% recycled material	
middle layers (type 180)	< 80% recycled material	
Dimension		
nominal thickness value	0.150 ... 0.800 mm	
nominal size value	≤ 1200 mm	
Tolerance	see General Terms & Conditions	
Physical properties		
Color	colorless transparent	
Density	1.33 g/cm ³	
Vicat softening point	71° C	
Shrinkage	≤ 10,0 % (10 min at 140°C, depending on film thickness)	
Options on request		
Color	specified color according reference	
PE-protection film	one or both sides	
UV-protection	UV light transmittance ($\lambda = 360 \text{ nm}$) ≤ 0,5 %	
Flame-retardent	UL 94 V2 or DIN 4102 B2 classification (tested on film thickness 200 μm)	
Field of application		
Forming	all kinds (Tool temperature ≥ 30 °C, Forming ≥ 120 °C)	
Sealing, Welding	High-Frequency, Ultrasonic (depending on medium)	

The product is in accordance with the regulations of:

- Commission Regulation EU 10/2011
- BfR Recommendation XVII and Consumer Goods Regulations, Civil Code, Part I, No. 23.94, pages 775 and following;
- FDA, Title 21 Part 177.1630 and supplementary regulation 21 CFR 177, 1315(b)(1)(USA).

All specified physical characteristics are indications. Deviations from the values given here are mostly due to technological reasons and not per se justifying the claim of the goods. All specified physical properties are only valid for a none-processed film. The assessment of the suitability of a film of FWG for the intended purpose is in customer's responsibility.

