






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)	≥ 30 to < 40% recycled material
Dimension	
Nominal thickness value (mechanical)	0.150 ... 0.800 mm
Nominal size value	≤ 1,200 mm
Tolerance	see General Terms & Conditions
Physical properties	
Color	colorless transparent
Density	1.33 g/cm ³
Vicat softening point	71° C
Shrinkage	≤ 20 % (10 min at 140°C, depending on film thickness)
Options on request	
Color	specified color according reference
Improved denesting	silicone treatment available (one-sided)
PE-protection film	one or both sides
UV-protection	UV light transmittance ($\lambda = 360 \text{ nm}$) ≤ 0.5 %
AS-treatment	on both sides Surface resistance ≤ 10 ⁹ Ohm (measured at 50% relative humidity)
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
- Raw materials comply to FDA, Title 21 Part 177.1630 and supplementary regulation 21 CFR 177, 1315(b)(I)(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 non-processed film. The assessment of the suitability of a film of FWG for the intended purpose is in customer's responsibility.

