






Technical data sheet

PET-A FILM TYPE 100 MEDICAL FILMS

Configuration	
Outside layers	PET-A virgin resin, anti-blocking agents
Middle layers	PET-A virgin resin
Dimension	
Nominal thickness value	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
Shrinkage	≤ 10 % (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 %
Antistatic treatment, external	on both sides surface resistance ≤ 10 ⁹ Ohm ¹⁾
Antistatic treatment, internal	on both sides surface resistance < 10 ¹¹ Ohm ^{1), 2)}
Field of application	
Forming	all kinds (tool temperature ≥ 30 °C, forming ≥ 120 °C)
Sealing, Welding	high-frequency, ultrasonic (depending on medium)

- 1) measured at 50 % relative humidity
- 2) product currently under development

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
- The used PET-A is biocompatible according to test conditions of US Pharmacopeia (USP) Class VI and ISO 10993
- The used PET-A complies to the requirements of European Pharmacopeia section 3.1.15
- Additives and pigments are not regulated by US and European Pharmacopeia

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.

