



Technical data sheet

PET-G FILM TYPE 200 MEDICAL FILMS

Configuration 	
Outside layers	PET-G virgin granulate (Eastar 6763); anti-blocking and slip agents; silicone treatment available (DC 365)
Middle layers (type 200)	PET-G virgin resin (Eastar 6763), blue- or green-tinted available
Dimension 	
Nominal thickness value	0.150 ... 1.000 mm
Nominal size value	≤ 1,000 mm
Tolerance	see General Terms & Conditions
Physical properties 	
Color	colorless transparent
Density	1.27 g/cm ³
Vicat softening point	71 °C
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	on both sides surface resistance ≤ 10 ⁹ Ohm (measured at 50 % relative humidity)
Field of application 	
Forming	all kinds (tool temperature ≥ 30 °C, forming ≥ 120 °C)
Sealing, Welding	high-frequency, ultrasonic (depending on medium)
Sterilization	Gamma, ETO, E-Beam

The product is in accordance with the regulations of:

- Commission Regulation EC 10/2011
- BfR Recommendation XVII
- Raw materials comply to FDA, Title 21 Part 177
- The used PET-G is biocompatible according to test conditions of US Pharmacopeia (USP) Class VI and ISO 10993

The accordance declaration is not valid for the products treated with silicone DC 365. The silicone lubricant is registered with FDA, CFN 181.6403. In any application involving the FDA, it is in the user's responsibility to ensure that the use of the product complies with the requirements.

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.

