






## Technical data sheet

## PET-G FILM TYPE 200 MEDICAL FILMS

<b>Configuration</b>	
Outside layers	PET-G virgin granulate (PET-G Skygreen S2008); anti-blocking and slip agents; silicone treatment available (one-sided)
Middle layers (type 200)	PET-G virgin resin (PET-G Skygreen S2008), blue-tinted available
<b>Dimension</b>	
Nominal thickness value	0.150 ... 1.000 mm
Nominal size value	≤ 1,000 mm
Tolerance	see General Terms & Conditions
<b>Physical properties</b>	
Color	colorless transparent
Density	1.27 g/cm <sup>3</sup>
Shrinkage	≤ 10 % (10 min at 140 °C, depending on film thickness)
<b>Options on request</b>	
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 <sup>9</sup> Ohm (measured at 50 % relative humidity)
<b>Field of application</b>	
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 <sup>1)</sup>:

- 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
- Additives and pigments are not regulated by US and European Pharmacopeia

The accordance declaration is not valid for the products treated with silicone lubricants. In any application involving food contact, it is in the user's responsibility to ensure that the use of the product complies with the requirements.

<sup>1)</sup> Not valid for PET-G film with silicone treatment.

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.

