






## Technical data sheet

## PET-MPE FILM TYPE 600 MEDICAL FILMS

<b>Configuration</b>	
Outside layers	PET Copolyester virgin granulate (Eastman Tritan™ copolyester), Anti-blocking agents
Middle layers	PET Copolyester virgin granulate, blue-tinted available
<b>Dimension</b>	
Nominal thickness value (mechanical)	0.150 ... 0.800 mm
Nominal size value	≤ 1,200 mm
Tolerance	see General Terms & Conditions
<b>Physical properties</b>	
Color	colorless transparent
Density	1.20 g/cm <sup>3</sup>
Vicat softening point	110 °C
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 ≥ 160 °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 EU 10/2011
- BfR Recommendation XVII
- Raw materials comply to FDA, Title 21 Part 177
- The used PET-MPE 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

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.

