






## Technical data sheet

## PC FILM TYPE 500 MEDICAL FILMS

<b>Configuration</b>		
Materials	PC virgin granulate, anti-blocking agents on request	
<b>Dimension</b>		
Nominal thickness value (mechanical)	0.150 ... 1.000 mm	
Nominal size value	≤ 800 mm	
Tolerance	see General Terms & Conditions	
<b>Physical properties</b>		
Color	colorless transparent	
Density	1.2 g/cm <sup>3</sup>	
Vicat softening point	149 °C	
Shrinkage	≤ 5 % (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 %	
<b>Field of application</b>		
Forming	all kinds (forming temperature ≥ 180 °C, pre-drying at 120 °C)	
Sealing, Welding	High-Frequency, Ultrasonic (depending on medium)	
Sterilization	ETO, Steam sterilization at 121 °C	

### The product is in accordance with the regulations of:

- Raw materials comply to FDA, Title 21 Part 177
- The used PC 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.

