






Technical data sheet

PC FILM TYPE 500 MEDICAL FILMS

Configuration	
Materials	PC virgin granulate, anti-blocking agents on request
Dimension	
Nominal thickness value (mechanical)	0.150 ... 1.000 mm
Nominal size value	≤ 800 mm
Tolerance	see General Terms & Conditions
Physical properties	
Color	colorless transparent
Density	1.2 g/cm ³
Vicat softening point	149 °C
Shrinkage	≤ 5 % (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 %
Field of application	
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:

- Commission Regulation EU 10/2011
- BfR Recommendation XVII
- 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

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.

