



Technical data sheet

PET-G Overlayfilm Type 4700

Configuration	
outside layers	PET-G virgin resin, release-additive, Coating available ($(5 \pm 1) \mu\text{m}$ on one side)
middle layers	PET-G virgin resin
Dimension	
nominal thickness value (mechanical)	0.080 ... 0.150 mm
nominal size value	$\leq 700 \times 1200 \text{ mm}$
Tolerance	see General Terms & Conditions
Physical properties	
Color	Colorless translucent
Specific gravity	1,27 g/cm ³
Surface Tension	$\geq 40 \text{ dyn/cm}$
Shrinkage	$\leq 20 \%$ (10 min at 140°C, depending on film thickness)
Roughness	Side 1: 7 μm ($\pm 3 \mu\text{m}$) Side 2: 11 μm ($\pm 4 \mu\text{m}$)
Impact Strength	$\geq 250 \text{ kJ/m}^2$ (up to 500 μm thickness)
Tensile Strength	$\geq 55 \text{ N/mm}^2$
Field of application	
Printing	UV-Offset, Silk-Screen
Lamination	suitable

The product is in accordance with the regulations of:

- Commission Regulation EU 10/2011
- BfR Recommendation XVII and Consumer Goods Regulations, Civil Code, Part I, No. 23.94, pages 775 and following;
- FDA, Title 21 Part 177.1630 and supplementary regulation 21 CFR 177, 1315(b)(1)(USA).

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.

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Valid from 2015-12-01 until further notice

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