



Product Information

Platilon® ID 5051

Film based on thermoplastic polyester polyurethane with PE carrier
Colour: natural, translucent; PE Carrier: yellow
Special characteristic: hotmelt adhesive film for ID-Card applications

Typical Properties

Property		Standard / Procedure	Unit	Value
Density		calculated	g/cm ³	1,16 ¹⁾
Softening Range		TMA Onset internal method	°C	≥ 75
		Kofler bench Knife	°C	90 - 105
Tensile stress at break	MD	DIN EN ISO 527	MPa	55 ²⁾
	CD			55 ²⁾
Tensile stress at 50% strain	MD			7 - 9
	CD			7 - 9
Tensile strain at break	MD		%	670 ²⁾
	CD			670 ²⁾

These data are provided as general information only. They are approximate values and not intended for use in preparing specifications! Please contact us before writing specifications on this product.

- 1) calculated based on information by raw material suppliers and the film's composition.
- 2) Blown films may be orientated to a different degree depending on film thickness. The above mentioned values have been measured and averaged over a long period. The average values from single productions can vary up to 30 % subject to thickness, width and orientation.

Typical Film Dimensions

Weight per area (g/m ²)	30 - 110
Width (mm)	1200 - 1700

Regarding thickness and width, certain interdependencies may apply. Please consult with your customer service representative. Blown film may show an orientation in either machine or cross direction. MD/CD values may vary depending on thickness and width. Our "General Conditions of Sale" also apply.

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1) Please see the "Guidance on Use of Covestro Products in a Medical Application" document. For more information on Covestro products in Medical Applications, please request from your sales support contact our Guidance document: GUIDANCE ON USE OF COVESTRO PRODUCTS IN A MEDICAL APPLICATION.

