

## Technical films

### Tecfilm® PC TC 00106

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**Description:** Tecfilm® PC TC 00106 is a technical film made of polycarbonate.

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**Properties:** Tecfilm® PC TC 00106 offers good mechanical and optical properties. Its surface is glossy on one side and fine matted on the other. It exhibits good printability and formability.

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**Applications:** Tecfilm® PC TC 00106 can be used for illuminated screens, labels and operating elements for electronics (white goods).

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**Colour:** translucent-white

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**Delivery forms:** Tecfilm® PC TC 00106 is available as die-cut, molded or laser-cut part and customized cut as well as self-adhesive. Other delivery forms upon customers request.

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## Tecfilm® PC TC 00106

Property	Testmethod	Unit	Value
Density	ISO 1183	g/cm <sup>3</sup>	1,2
Thicknes	ISO 4593	µm	300
Gloss level, 60° glossy side	ISO 2813	Skt	≥99
Gloss level, 60° matted side	ISO 2813	Skt	≤12
Roughness, R3z glossy side	following ISO 4287/88	µm	≤0,5
Roughness, R3z matted side	following ISO 4287/88	µm	≤11
Tensile modulus	ISO 527-1,-3	MPa	≥2000
Breaking tension	ISO 527-1,-3	MPa	≥60
Elongation at break	ISO 527-1,-3	%	100
Light transmission	ISO 13468-2	%	42,7
Half-value angle	following DIN 5036	Degree	55
Shrinkage, lengthwise, 130°C, 1 h	IEC 60674-2	%	≤0,5

**Trademark information:** Tecfilm® is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany.

**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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