

Technical films

Makrofol® LT 6-4 | TC 00126

Description: Makrofol® LT 6-4 | TC 00126 is an extruded, glass-fiber enhanced, scattered light film which is based of Makrolon®.

Properties: Makrofol® LT 6-4 | TC 00126 is structured on one side, fine matted, glare-free as well as scratch resistant. Makrofol® LT 6-4 | TC 00126 also offers high inherent hardness.

Applications: Makrofol® LT 6-4 | TC 00126 is used for vehicle instruments, backlit displays, displays and graphics as well as HiFi-control elements.

Colour: black-translucent

Delivery forms: Makrofol® LT 6-4 | TC 00126 has a standard-thickness of 420 µm on a roll or tape, die-cut part or customized cut. Other delivery forms upon customer request.

Dr. Dietrich Müller GmbH

Makrofol® LT 6-4 | TC 00126

Property	Testmethod	Unit	Value
Density, 20°C	ISO 1183, Methode C	g/cm ³	1,41
Tensile modulus	ISO 527-1,-3	MPa	5500
Breaking tension, lengthwise	ISO 527-1,-3	MPa	60
Breaking tension, crosswise	ISO 527-1,-3	MPa	50
Elongation at break, lengthwise	ISO 527-1,-3	%	3
Coefficient of thermal expansion, lengthwise, 20-120°C	following. DIN 53752	10 ⁻⁶ /K	70
Coefficient of thermal expansion, crosswise, 20-120°C	following DIN 53752	10 ⁻⁶ /K	70
Shrinkage, lengthwise 130°C, 1 h	following IEC 60674-2	%	0,15
Shrinkage, crosswise 130°C, 1 h	following IEC 60674-2	%	0,15
Burning speed (FMVSS 302)	ISO 3795	mm/min	≤100
Burning test	UL94 VTM-0		passed
Burning test	UL94 V-2		passed
Light transmission	ISO 13468-2, following DIN 5036	%	≥20
Water absorption (saturation value)	Following ISO 62	%	0,2

Trademark information: Makrofol® is a registered trademark of the company Bayer MaterialScience AG, Germany.

Makrolon® is a registered trademark of the company Bayer MaterialScience AG, Germany.

Dr. Dietrich Müller GmbH

Makrofol® LT 6-4 | TC 00126

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.

Dr. Dietrich Müller GmbH