

Technical datasheet

EGGER ABS Edge Banding



Technical Data

Any material or process related irregularities must not be apparent at a distance of 0.5 m.

Properties	Unit	Value	Standard
Light fastness (for internal application)	Grey scale	4	EN 438-2
Indentation hardness	N/mm ²	90 - 110	ISO 2039-1
Hardness Shore D	-	70 ± 4	ISO868
Impact strength, 23 °C notched	KJ/m ²	17 - 19	ISO 179/2C
Impact strength, 23 °C unnotched		no break	ISO 179/2D
Vicat softening temperature (50 °C/h, B 50N)	°C	approx. 98	ISO 306
Chemical resistance	-	good 1-B	DIN 68861
Shrinkage (1h at 80°C)	%	< 0.6	Works standard
Static charging	-	very low	-

Processing characteristics

Machining	ABS suitability
Cutting	good
Milling direction	counter direction ¹⁾
Pre-milling	good
Radius milling	good
Profiling	good
Scraper processing	good
Buffing	good
Bonding	Any conventional hot-melt adhesive suitable for edging tapes can be used
Polish ability	good
Stress whitening	medium
Lacquer ability	good
Machining centre processing compatibility	good

¹⁾ Counter direction milling is recommended for all thermoplastic edging material. ABS edge bandings are good electrical insulators and possess high surface and volume resistivity.

Tolerances

Edge banding width

Width [mm]	Tolerance [mm]
12 - 54	± 0.45

Edge banding thickness

Thickness [mm]	Tolerance [mm]
0 - 1.0	+ 0.15 / - 0.10
1.1 - 2.0	+ 0.10 / - 0.20
2.1 - 3.0	+ 0.15 / - 0.25

Pre-tension

Thickness [mm]	Width up to 30 mm	Width over 30 mm
0 - 1.0	0.00 - 0.40	0.00 - 0.50
1.1 - 3.0	0.00 - 0.30	0.00 - 0.40

Plane-parallelism

Thickness [mm]	Maximum deviation [mm]
0 - 2.0	0.10
2.1 - 3.0	0.15

Longitudinal distortion

Thickness [mm]	Maximum stretching to 1 m length [mm]
0 - 3.0	3.0

Quality management ISO 9001

Coding: TD ABS EN

Revision: 01

Approval: 01.12.2020

Storage

EGGER ABS Edge Banding tape is resistant to rot and may therefore be stored at room temperature (18 - 24 °C) in a room that is weatherproof and protected from direct sun light for a virtually unlimited period.

Information on working with EGGER ABS Edge Banding can be found in our processing instructions.

Provisional note:

This technical datasheet has been carefully drawn up to the best of our knowledge. The information provided is based on practical experience, in-house testing and reflects our current level of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous development of EGGER ABS Edge Banding, as well as from changes to standards and public law documents. The contents of this technical datasheet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.