

MOBELKANT

NEW THINKING | BETTER EDGE BANDING

ABS EDGE BANDS | TECHNICAL SPECIFICATIONS 1/2

1 MATERIAL PROPERTIES

Embossing:	Various embossing structures are applied according to customer requirements .
Wood Decors:	The inks used for the surface printing application have a minimum light fastness grade of 7. The decor is then coated with acrylic UV lacquer for the highest scratch resistance.
Primer:	The back side is primed to suit bonding with all the conventional hot-melt adhesives

2 APPLICATIONS

ABS is a shockproof, high-quality thermoplastic edgeband based on ABS (Acrylonitrile Butadiene Styrene). It can be processed easily on edgebanding machines for covering the edges of carrier materials, mainly chipboards and MDF.

3 TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	VALUE
Light Fastness	EN 438-2	4
Hardness Shore D	DIN 53 505 / ISO 868	71 ± 4
Indentation Hardness	ISO 2039-01 (Nt/mm ²)	90-110 N/mm ²
Vicat Softening Temperature	DIN 53 460 / ISO 306B	100 +/- 2°C
Flammability		HB
Impact Strength, 23°C Notched	ISO 179/2C	17-19 +/- 2 (Kj/m ²)
Impact Strength, 23°C Unnotched	ISO 179/2D	No Break
Shrinkage (1h at 80°C)	Works standard	< 0,7 %
Resistance to Chemicals	DIN 68861	Excellent (Class 1B)
Static Charge		Very low

4 PACKING INFORMATION

Product	Thin: 0.40mm-1.20mm	Thick: 1.30mm-3.00mm
Method	Calender	Extrusion
Core	Plastic	Plastic or None
Inner Core Diameter	6 inches	15 inches
Outside Core Diameter	430mm	660mm
Length	+/- %2	+/- %2
Packaging, Labelling and Palleting	All customer requirements are possible	

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CENTRAL OFFICE

Barbaros Mh. Ak Zambak Sk.
Varyap Meridian Apt.: 131/A
Ataşehir/Istanbul

FACTORIES

1 Organik Cad. No:11 KOSB Tuzla/Istanbul
2 Melek Aras Bul. Tuna Cad. No:10 KOSB Tuzla/Istanbul
3 Analitik Cad. No:59 KOSB Tuzla/Istanbul

CONTACT

info@mobelkant.com
+90 (216) 527 89 79 - 365 54 15
www.mobelkant.com

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5 TOLERANCES

Width	18-54mm	+/- 0.45mm	
Thickness	0.00mm-1.00mm	+0.15/-0.10mm	
	1.10mm-2.00mm	+0.10/-0.20mm	
	2.10mm-3.00mm	+0.15/-0.25mm	
Pretention	Thickness	Width<=30mm	Width>=30mm
	0.0mm-0.50mm	0.0mm-0.40mm	0.0mm-0.50mm
	0.0mm-0.40mm	0.0mm-0.30mm	0.0mm-0.40mm
Parallelism	Thickness	Deviation	
	0.00mm-2.00mm	0.10mm	
	2.10mm-3.00mm	0.15mm	
Longitudinal Distortion	Thickness (0 - 3.0)	Max. 3mm/1mt	
Delta E- Unicolors (DL, a, b)	< 1		
Gloss Level	5-30	31-90	
	± 3	± 5	

6 PROCESSING

PVC edges can easily be processed with all conventional hot-melt adhesives (EVA, PA, PO, PUR) in the edgebanding machines.

Machining

Suitability

Cutting	Very Good
Rough Milling	Very Good
Radius Milling	Good
Profiling	Good
Side Scrapping	Good
Buffing	Good
Polishability	Good
Stress Whitening	Low
CNC Workability	Very Good

7 STORAGE

ABS edges should not be stored under direct sunlight or in extreme temperatures. Avoiding these extreme conditions, the edge can be stored for a long time with no change to its properties. However, it is important that the material should rest for at least one day at room temperature prior to processing.

8 CLEANING

ABS edge is easy to clean using commercially available cleaning agents suitable for plastic surfaces. The use of solvent or alcohol-based substances should be avoided as they could partially dissolve the surface.

9 HAZARDS INFO

PVC Edge does not contain any materials hazardous to health that can be emitted during processing or storage. The material is suitable for recycling; however it is not suitable for incineration.

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