

Basis **tool- and mouldmaking board**

Colour **grey**

Applications

- Sheet metal forming
- jig
- Hammer form tools

Properties

- high strength
- wear resistant
- fine structure
- low coefficient of linear expansion
- well workable

Processing data

Product	ebaboard W		
Colour	grey		
Density at 20°C	g / cm ³	1,76 ± 0,03	

Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	100 ± 10
Flexural elongation at break	EN ISO 178	%	1,2 ± 0,2
Flexural modulus	EN ISO 178	MPa	7800 ± 500
Tensile strength	EN ISO 527-1	MPa	45 ± 3
Elongation	EN ISO 527-1	-	1,16 ± 0,2
Tensile modulus	EN ISO 527-1	MPa	6000 ± 300
Impact resistance (Charpy)	EN ISO 179	kJ/m ²	8 ± 2
Compressive strength	EN ISO 604	MPa	110 ± 10
Heat resistance (HDT)	DIN EN ISO 75 B	°C	76 ± 2
Shore hardness	DIN ISO 7619-1	Shore D	90 ± 3
Coefficient of thermal expansion	internal test / Dilatometer	10 ⁻⁶ K ⁻¹	ca. 50
Abrasion Taber Abraser H 18 Application weight 500g / 500 Rotations	internal	mg	ca. 27
Abrasion Taber Abraser H 18 Application weight 500g / 250 Rotations	internal	mg	ca. 160

Sales units (packages)

ebaboard W

1000 x 500 x 50 mm
1000 x 500 x 75 mm
1000 x 500 x 100 mm

Processing instructions

Advices for machining of board material

- Making even of milling support
- Roughing of geometry
- Removing of clamps, if possible over night
- Clamping
- Finishing

The gluin of the board material is made with our adhesive Grey.
The glued parts are easilly fixed by clamps or by weight.

Milling parameter are available

In General

ebaboard material is available in specified sizes. The surface is machined on all sides. **ebaboard** is a synthetic, post-cured board material on polyurethane base. It has an even structure and plane parallel machined surfaces.

Advantages:

- Dense structure
- Good edge strength
- Low tension
- Good workability
- Low dust development when milling

Dimension tolerances of 3 mm in length and width and 0,5 mm in thickness are possible.

Safety measure

ebaboard material is a cured filled polyaddition product, no hazardous dusts when grinding.
According to regulations for hazardous goods **ebaboard** products don't have to be marked during transport and storage.

According to regulations for hazardous products all **ebaboard** products are not to be marked for transport and storage. Please follow safety advices !

Waste Disposal

Small quantities can be disposed as domestic waste. For big quantities, contact your local authorities, please.

In case of further questions please do not hesitate to contact our department for product safety.

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.