

Basis **ebaboard 1700**

Colour grey

### Applications

- Jigs
- Moulding tools
- Foundry patterns
- Vacuum forming tools

### Properties

- good heat resistance
- low coefficient of thermal expansion
- good edge stability
- high quality surface
- easy to work

### Processing data

<b>Product</b>	<b>ebaboard 1700</b>		
Colour	grey		
Density at 20°C	g / cm <sup>3</sup>	1,70 ± 0,02	

### Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	65 ± 5
Flexural elongation at break	EN ISO 178	%	1,1 ± 0,1
Flexural modulus	EN ISO 178	MPa	7400 ± 300
Impact resistance (Charpy)	EN ISO 179	kJ/m <sup>2</sup>	6 ± 1
Compressive strength	EN ISO 604	MPa	110 ± 10
Shore hardness	DIN ISO 7619-1	Shore D	88 ± 3
Heat resistance (HDT)	DIN EN ISO 75 B	°C	85 ± 2
Coefficient of thermal expansion	internal test / Dilatometer	10 <sup>-6</sup> K <sup>-1</sup>	ca. 45

### Sales units (packages)

**ebaboard 1700**  
1000 x 500 x 50 mm  
1000 x 500 x 75 mm  
1000 x 500 x 100 mm

Block material, eblock 1700  
dimensions variable

## Processing instructions

Advice 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 easilily 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.  
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.