

Basis	<b>polyurethane blockmaterial</b>
Colour	grey
Further colours	beige

### Applications

- jig
- Moulding tools
- Foundry pattern
- Vacuum forming tools

### Properties

- good heat resistance
- low thermal expansion
- good edge strength
- high quality surface
- well workable

### Processing data

<b>Product</b>	<b>ebaboard 170</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 strength at breakage	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
Heat resistance (HDT)	DIN EN ISO 75 B	°C	85 ± 2
Shore hardness	DIN 53505	Shore D	88 ± 3
Coefficient of linear expansion	DIN 53752	10 <sup>-6</sup> K <sup>-1</sup>	ca. 45

### Sales units (packages)

**ebablock 170**

block material, dimensions variable

## 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

Milling parameters are available.

## In General

**ebablock** material is available as rough boards and blocks.

Advantages:

Dense structure  
Jointless  
Low-stress  
Close to contour and variable measurements.

Please take dimensional allowances into consideration regarding sizes of rough blocks and boards. We recommend an addition of 10mm per dimension.

Dimensional tolerance of 1% possible.

During casting of block/blank voids or colour shades may occur. Therefore we can not give any guarantee, that the block/blank is completely free from bubbles. In case of a casting thickness over 250 mm or complex contours we reserve the right to cast in parts. Colour shades, bubbles and parting lines are not considered as inferior quality.

"VP"-products are experimental products.  
Slight changes regarding technical data are still possible.

## Safety measure

**ebablock** material is a cured filled polyaddition product, no hazardous dusts when grinding.  
Anyway the quantity of dusts coming from mechanical treatment of wood and metal 6 mg/m<sup>3</sup> (MAC-value)- must not be exceeded.

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.