

Basis **epoxy board material**

Colour **light green**

### Applications

- tools for prepregs

### Properties

- heat resistant till 135°C
- very fine surface structure
- good dimension stability
- very good milling

### Processing data

<b>Product</b>	<b>ebaboard EP 135</b>		
Colour	light green		
Density at 20°C	g / cm <sup>3</sup>	0,70 ± 0,02	

### Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	30 ± 3
Flexural modulus	EN ISO 178	MPa	-
Flexural strength at breakage	EN ISO 178	%	-
Tensile strength	EN ISO 527	MPa	-
Elongation at break	ISO 37	%	-
Compressive strength	EN ISO 604	MPa	52 ± 3
Impact resistance (Charpy)	EN ISO 179	kJ/m <sup>2</sup>	-
Heat resistance (HDT)	DIN EN ISO 75 B	°C	137 ± 3
Shore hardness	DIN 53505	Shore D	75 ± 5
Coefficient of linear expansion	DIN 53752	10 <sup>-6</sup> K <sup>-1</sup>	approx. 35 - 45
Flammability	UL - 94	level	-

### Sales units (packages)

**ebaboard EP 135**  
 1500x 500 x 50 mm  
 1500 x 500x 75 mm  
 1500x 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

For bonding and repairing we recommend our products "Adhesive for **ebaboard** 135" and "Putty for **ebaboard** 135".

## 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

Dimensional tolerance of 1-2 % is possible.

"VP"-products are experimental products.

Regarding technical data slight modifications are possible.

## Safety measure

**ebaboard** 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 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.

**ebalta** Kunststoff GmbH . Erlbacher Straße 100 . 91541 Rothenburg ob der Tauber / Germany  
Tel.: +49 9861 7007-0 . Fax: +49 9861 7007-77 . info@ebalta.de . www.ebalta.de