

Basis **ebaboard PW 920 new**

Colour **green**

Applications

- Foundry pattern
- Core boxes
- Pattern plates
- mould take-up
- Bath models for galvanic tools
- Construction- and maintenance gauges

Properties

- very well workable (contains no abrasive fillers)
- good edge strength
- high quality surface
- dense surface
- high impact strength
- very low generation of dust during machining
- low coefficient of linear expansion

Processing data

Product	ebaboard PW 920 new		
Colour	green		
Density at 20°C	g / cm ³	1,22 ± 0,03	

Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	110 ± 5
Flexural modulus	EN ISO 178	MPa	3100 ± 200
Elongation at max. flexural stress	EN ISO 178	%	6,4 ± 0,2
Compressive strength	EN ISO 604	MPa	95 ± 5
Impact resistance (Charpy)	EN ISO 179	kJ/m ²	50 ± 10
Heat resistance (HDT)	DIN EN ISO 75 B	°C	80 ± 3
Shore hardness	DIN 53505	Shore D	85 ± 3
Coefficient of linear expansion	DIN 53752	10 ⁻⁶ K ⁻¹	ca. 85
Abrasion Taber Abraser H 18 Application weight 500g / 500 Rotations	internal	mg	ca. 72

Sales units (packages)

ebaboard PW 920 new

- 1000 x 500 x 30 mm
- 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

Milling parameters 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

Dimensional tolerance of 1-2 % is 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/m³ (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.

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