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|--------|------------------------------------|
| 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 | MPa | 45 ± 3 |
| Elongation | EN ISO 527-1 | - | 1,16 ± 0,2 |
| Tensile modulus | EN ISO 527 | 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 linear expansion | DIN 53752 | 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 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.
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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