

## selection of products

massive blocks	application	processing	sales units
<b>ebablock® W</b>	high material requirements	milling	as per request up to several cubic metres per block
<b>ebablock® 708</b>	medium material requirements		

board material	application	processing	sales units
<b>ebaboard W</b>	high material requirements	machining (sawing, milling) or glueing blocks together if necessary	1,000 x 500 x 50 mm <sup>3</sup> 1,000 x 500 x 100 mm <sup>3</sup>
<b>ebaboard 708</b>	medium material requirements		1,000 x 500 x 50 mm <sup>3</sup> 1,000 x 500 x 100 mm <sup>3</sup>

casting resin systems	application	processing	sales units
<b>GM 708-FE</b>	high material requirements	casting GM 708 + PUR 4 + filler F-iron 100 : 75 : 400	GM 708: 8, 16 and 50 kg PUR 4: 6 and 50 kg filler F-iron: 40 kg
<b>GM 708</b>	medium material requirements	casting GM 708 + PUR 4 + filler F-B 100 : 75 : 350	GM 708: 8, 16 and 50 kg PUR 4: 6 and 50 kg filler F-B: 25 and 40 kg

In addition to qualified consultancy we can offer you the complete range of products and auxiliaries for model and mould making as well.

**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

**ebalta**

prototypes  
pilot series  
small series  
series  
**sheet metal forming**

silicones

auxiliaries

blocks

tooling resins

**ebalta**

## Tooling resins form sheet metal

Tools made of **ebalta** tooling resins are the innovative way of obtaining your individual sheet metal moulding part.

Using our modern tooling resins provides numerous advantages:

- cost-efficiency
- immediate availability of products
- high abrasion resistance and excellent friction properties
- outstanding flexibility in processing due to variable delivery forms



Part of car body, DCo5,  $s_0 = 1.75$  mm; 300 parts



Using tooling resin inserts provides maximum flexibility and minimum cost.

## Massive blocks

Our **ebablock**® series represents a special form of delivery.

These tooling resin blocks are cast near-net sized in our factory. They are available in customised dimensions and manufactured in accordance to model specifications.

We assure you to receive homogeneously cast gross tool blocks. All blocks are cured stress-relieved and available with individual volumes of several cubic metres.



Please feel free to call us for any technological questions or queries regarding constructive details or the quantities that can be obtained. Your call is welcome: + 49 9861 7007-36

## Board material

Our **ebabboards** are intended for stockkeeping and for immediate availability of our board material. They can be obtained in various standard dimensions.

The **ebaboard** product range for sheet metal forming excels due to their high strength and best machinability. Of course our range also comprises all products suitable for glueing board material, if needed.



Door inner part, AA 6016,  $s_0 = 1.0$  mm; 1,000 parts

## Casting resin systems

The **ebalta** casting resin systems are perfect for applications where tools have to be cast directly from a model (e. g. sheet metal components) or from existing tool elements.

Regarding the nature of tool designs, tooling resins offer a great variety, too. In this field we differentiate between the following processes:

- mass casting (homogeneous structure)
- gel coat (heterogeneous structure = a thin pre-coated surface resin layer, backfilled with casting resin)
- face casting = cast surface resin layer, thickness approx. 10 mm, backfilled with casting resin



**ebalta** tooling resins for sheet metal forming give excellent gliding properties - ideal for saving lubricants and forming coated sheet metal

**ebalta**