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## Ebalta material is optimised for forming tooling

An **ebalta UK** product story

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**Ebalta UK has introduced a high-temperature-resistant material optimised for vacuum forming and thermo forming tooling.**

The light-grey material is available in a variety of board sizes and for larger tools, as a custom cast-to-size block manufactured according to the required tool dimensions.

Ebapanel 105 features a lower density than other vacuum forming tooling boards for easier handling, improved wear resistance for longer production runs and easy, fast machining coupled with excellent surface finish and easy post processing, according to Ebalta.

In addition, the vacuum/thermo forming board has a high-temperature resistance exhibiting a HDT of 98C.

With excellent dimensional stability and a low coefficient of linear expansion it produces accurate tooling, while the good edge strength properties allow for fine detailing and definition on the formed parts.

The Ebapanel 105 is available for next-day delivery and in three sizes: 1,000mm x 500mm x 50mm; 1,000mm x 500mm x 75mm; and 1,000mm x 500mm x 100mm.

For larger tools, the same material is available as Ebapanel 105.

A custom-made, joint-less block that can be cast close-to-contour in volumes up to 665 litres and from 35mm-350mm in thickness according to individual tool dimensions.

This product features no bond lines and less waste providing a second economical tooling solution for vacuum and thermo forming applications.

The unfinished blocks are available on a short delivery time of five to seven days depending upon customer requirements, with each custom-made block being delivered directly to customers' premises.

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