

High-Performance & Sustainable – Polyurethane Boards From RAMPF

Closed-loop approach – Recovery of high-quality raw materials from inhouse production waste using innovative recycling technology

© RAMPF Tooling Solutions GmbH & Co. KG

Page 1 von 3

Grafenberg, Germany, December 4, 2023. RAMPF Tooling Solutions is continuously improving the eco credentials of its polyurethane board portfolio. Most of the products manufactured in Grafenberg already contain between ten and 30 percent recycled raw materials. In addition, further research projects are developing new ways of manufacturing products on an even more sustainable and resource-friendly basis.

It is not current trends that are driving RAMPF Tooling Solutions to take these actions, but a genuine sense of responsibility toward people and the environment. This is why the company has been using recycled polyols to produce its RAKU[®] TOOL polyurethane board materials for almost three decades.

Alexander Ege, Director of Research & Development at RAMPF Tooling Solutions – “The closed-loop approach has always been a focus point in our development work and long-since become state of the art at RAMPF Tooling Solutions. We use chemical recycling to extract high-quality raw materials from our production waste. Polyurethane residues from production are broken down into their basic chemical components and processed into a new raw material. The resulting recycled polyols are then used in the manufacture of new boards.”

The raw material components are developed and produced together with the sister company RAMPF Eco Solutions.

“The polyols created in this way are of a very high quality and have the properties required for producing high-performance board materials,” says Ege. “With this approach we live up to our responsibility as a sustainable company. This has been the commitment of our company founder, Rudolf Rampf, since the 1990s.”

Improved eco credentials thanks to high performance and top quality

Denny Föhn, Director of Sales & Marketing at RAMPF Tooling Solutions – “With the high performance and quality of our products we make a significant contribution to a better ecological balance in the tooling market. With this we enable maximum product lifespans, which, of course, also benefit our customers and partners. A prime example of this is our highly abrasion-resistant board material for the foundry industry, RAKU[®] TOOL WB-1258, which can be used to create more than 100,000 moldings.”

In 2016, RAMPF Tooling Solutions was certified to the internationally recognized ISO 14001 standard. The aim is to find the optimal balance between operational cost-efficiency and environmental protection.

Press release

High-Performance & Sustainable – Polyurethane Boards From RAMPF

Closed-loop approach – Recovery of high-quality raw materials from inhouse production waste using innovative recycling technology



RAMPF[®]
discover the future

The focus, among other things, is on reducing resource consumption and emissions during the manufacturing process as well as further reducing waste.

High-Performance & Sustainable – Polyurethane Boards From RAMPF

Closed-loop approach – Recovery of high-quality raw materials from inhouse production waste using innovative recycling technology

www.rampf-group.com



RAMPF Tooling Solutions GmbH & Co. KG based in Grafenberg, Germany, develops and produces board and liquid materials for cutting-edge modeling and mold engineering. The range of skills includes made-to-measure services and products such as pastes, large-volume and full-size castings for Close Contour models, and prototyping systems.

RAMPF Tooling Solutions is the world's largest producer of styling, modeling, and working board materials, which demonstrate excellent quality and the best mechanical properties.

High-quality Close Contour Pastes, Close Contour Blocks, and Close Contour Castings guarantee excellent and cost-effective solutions for modeling and mold engineering.

The company produces and develops pioneering systems for the composites industry that cover a wide variety of production procedures and a broad range of temperatures.

RAMPF Tooling Solutions also provides expert advice, customer-specific service, and prompt technical support.

RAMPF Tooling Solutions is a company of the international RAMPF Group based in Grafenberg, Germany.

Publisher:

RAMPF Tooling Solutions GmbH & Co. KG
Robert-Bosch Str. 8-10
72661 Grafenberg
T + 49.7123.9342-1600
F + 49.7123.9342-1666
E tooling.solutions@rampf-group.com
www.rampf-group.com

Your contact for pictures and further information:

Benjamin Schicker
RAMPF Holding GmbH & Co. KG
Albstraße 37
72661 Grafenberg
T + 49.7123.9342-1045
F + 49.7123.9342-2045
E benjamin.schicker@rampf-group.com