

# Tough. Tougher. RAMPF.

PPIM Exhibition 2017: Highly abrasion resistant and electrostatic dissipating polyurethane resins for pipeline pigging / Styling, modeling, and working boards

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**Wixom, MI, February 16, 2017. RAMPF Group, Inc. is presenting its highly abrasion resistant and electrostatic dissipating range of polyurethane resins at the Pipeline Pigging & Integrity Management Exhibition (PPIM) 2017 from February 27 - March 2 in Houston, Texas. A further highlight at booth 1037 / 1039 – RAKU-TOOL<sup>®</sup> styling, modeling, and working boards.**

Advanced polyurethane systems for tough applications are the focal point of RAMPF's presentation at PPIM 2017:

### > InnoTuf<sup>®</sup> HP Series – Abrasion Resistant Polyurethane Resins

The InnoTuf<sup>®</sup> HP Series from RAMPF encompasses Shore A and D durometer hardness materials with excellent abrasion resistance. The RAKU-TOOL<sup>®</sup> HP-1585A polyurethane systems meet customer needs for durable parts that can withstand exposure to gouging, cutting, and abrasion, as well as chemical and solvent exposure. They are ideal for use in pipeline pigs and a wide variety of other markets and industries, including amusement / theme park ride components, mining equipment, as well as parts for the paper, printing, and metal finishing industries.

### > Anti-Static Series – Electrostatic Dissipating Polyurethane Resins

The Anti-Static Series from RAMPF is specifically formulated for the pipeline industry. RAKU-TOOL<sup>®</sup> AS-085A is a high performance 85 Shore A polyester-based polyurethane elastomer formulated for hand batch or meter mix processing methods. It provides electrostatic dissipating properties over standard polyurethane systems. Excellent physical properties can be obtained via post cure without the utilization of mercury, MOCA or TDI.



RAMPF Group, Inc. is a leading developer and producer of advanced liquid polyurethanes for models, prototypes, and production parts.

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Furthermore, RAMPF Group, Inc. will be presenting its encompassing range of **RAKU-TOOL<sup>®</sup> styling, modeling, and working boards** made from polyurethane and epoxy. These boards are used at virtually all stages-from design to production.

RAKU-TOOL<sup>®</sup> boards have a fine surface structure, good dimensional stability compared to wood, and significantly lower weight compared to metal. Further advantages are the fast and easy handling where liquid and adhesive chemicals are applied only during gluing and repair; this allows customers to concentrate solely on milling.

“Our high-performance range of standard products can quickly be adapted to meet the individual needs of the customer,” says Mark Davidson, Sales Manager for Tooling Material at RAMPF Group, Inc. “We provide a complete package solution comprising of boards, matching adhesives, and repair pastes. Expert advice, customer-specific service, prompt technical support, and stringent quality controls are also part and parcel of our encompassing offer.”



1:1 model of a sports car being milled out of RAKU-TOOL<sup>®</sup> MB-0600 boards.

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[www.rampf-group.com](http://www.rampf-group.com)



RAMPF Group, Inc., based in Wixom, Michigan, is the North American subsidiary of the international RAMPF Group.

The product portfolio of RAMPF Group, Inc. is comprised of:

- > mixing and dispensing systems for the reliable processing of polymers
- > two-component polymer (or synthetic) systems based on polyurethane, epoxy, and silicone
- > modeling and mold engineering materials, in particular for the automotive, marine, and aviation industries

The international RAMPF Group stands for engineering and chemical solutions and caters to the economic and ecological needs of industry. The Group secures its presence on the international markets with more than 700 employees and six core competencies:

- > **RAMPF Machine Systems** based in Wangen (Göppingen), Germany, develops and produces multi-axis positioning and moving systems, trunk machines, and basic machines based on high-precision machine beds and machine bed components made from alternative materials.
- > **RAMPF Production Systems** based in Zimmern o. R., Germany, develops and produces mixing and dispensing systems for bonding, sealing, foaming, and casting a wide variety of materials. The company also offers a wide range of automation skills relating to all aspects of process engineering.
- > **RAMPF Composite Solutions** based in Burlington, Ontario, Canada, is a holistic composites supplier to companies in the aerospace and medical industries. The company offers a complete suite of services including composite part design and engineering, metal-to-composite conversion engineering, and composite manufacturing to very tight tolerances.
- > **RAMPF Eco Solutions** based in Pirmasens, Germany, develops chemical solutions for the manufacture of high-quality alternative polyols from PU and PET waste materials. This expertise is also put to use in the planning and construction of customer-specific facilities for manufacturing polyols.
- > **RAMPF Polymer Solutions** based in Grafenberg, Germany, develops and produces reactive resin systems based on polyurethane, epoxy, and silicone. Its product portfolio includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, and adhesives.
- > **RAMPF Tooling Solutions** 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 has subsidiaries in Germany, the U.S., Canada, Japan, and China.

All RAMPF companies are united under a holding company – **RAMPF Holding GmbH & Co. KG** – based in Grafenberg, Germany.

Published by:  
RAMPF Group, Inc.  
49037 Wixom Tech Drive  
Wixom, Michigan 48393, USA  
T +1.248.295-0223  
F +1.248.295-0224  
E [info@rampf-group.com](mailto:info@rampf-group.com)  
[www.rampf-group.com](http://www.rampf-group.com)

Your contact for images and further information:  
Benjamin Schicker  
RAMPF Holding GmbH & Co. KG  
Albstrasse 37  
72661 Grafenberg, Germany  
T + 49.7123.9342-1045  
F + 49.7123.9342-2045  
E [benjamin.schicker@rampf-gruppe.de](mailto:benjamin.schicker@rampf-gruppe.de)