

# Making A Big Splash – Liquid Polyurethanes From RAMPF

World Waterpark Association Show 2021 – High-performance RAKU<sup>®</sup> TOOL material portfolio for theme park and specialty tooling

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**Wixom, MI, USA, October 15, 2021. RAMPF Group, Inc. is presenting its encompassing portfolio of mercury-free, RoHS-compliant, and UV-stable polyurethanes for theme park and specialty tooling at World Waterpark Association Show 2021 from October 19 to 22 in San Antonio, TX – Booth 103.**



RAMPF's liquid material portfolio encompasses a large selection of high-performance products for various processes and applications. With outstanding consistency and quality, as well as a wide range of handling, curing, and performance properties, the polyurethanes open up unparalleled possibilities for the casting of models, prototypes, and low-volume production parts for theme parks and specialty tooling.

The company's leading position on the market is consolidated by its close and trusting collaboration with customers. Mark Davidson, Head of Sales & Marketing at RAMPF Group, Inc. – "Our chemists develop customized systems or adapt existing products quickly and economically. With a dedicated team of experts, RAMPF proactively supports customers in the development and manufacture of products, maximizing quality and minimizing time-to-market."

The highlights at Waterpark Association Show 2021:

- > **RAKU<sup>®</sup> TOOL InnoClear<sup>™</sup> OC-5090** – The semi-flexible elastomer produces water-clear prototypes and initial parts via automated meter-mix dispensing, hand casting, or vacuum casting. The material exhibits excellent physical properties after RT cure, outstanding optical clarity, and superior gap filling properties.
- > **RAKU<sup>®</sup> TOOL IE Series<sup>™</sup>** – The easy-to-process, low-viscosity resins exhibit rapid green strength, excellent tear strength, elongation, and low viscosity. This includes products ranging from flexible

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to rigid that are industry favorites for the hand casting of prototypes and parts. Several products are also suited for mass casting and color matching.

RAMPF liquid polyurethanes are also used for the manufacture of

- > Medical and electronic devices and housings
- > Automotive interior parts, under-hood components, and fascia
- > Abrasion-resistant parts and linings
- > Medical and veterinary demonstration models
- > High-clarity lenses and pillow optics
- > Taxidermy reproductions
- > Equipment seals, gaskets, and O-rings
- > Material handling nests and fixtures
- > Sporting equipment
- > Military training and safety equipment



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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 encompasses:

- > Mixing & 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
- > Machine bases, machine frames, and other structural components made from mineral casting (polymer concrete)

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 approx. 900 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, China, Japan, and Korea.

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

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