

RAMPF – High performance board materials for foundry applications

RAKU[®] TOOL WB-1404 and RAKU[®] TOOL WB-1258 at Metallurgy Litmash 2018 in Moscow

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Grafenberg, May 25, 2018. A powerful all-rounder and the ultimate in abrasion resistance: RAMPF Tooling Solutions is presenting the polyurethane board materials RAKU[®] TOOL WB-1404 and RAKU[®] TOOL WB-1258 at Metallurgy Litmash 2018, the trade fair for metallurgy, foundry technology, and castings from May 29 to June 1 in Moscow – Booth 3A38.

RAKU[®] TOOL WB-1404 – the high-performance allrounder



The polyurethane board for tools and molds is polishable and exhibits

- > Good styrene resistance
- > High compressive modulus
- > Good amine resistance
- > Good abrasion resistance
- > Resistance to dry ice cleaning
- > Low coefficient of thermal expansion

It is used, amongst others, in foundry models, foundry pattern plates, and core boxes, checking fixtures for metal parts, models and molds for polyester and composites applications, hammer tools, vacuum forming tools, and molds for low pressure RIM.

RAKU[®] TOOL WB-1258 for maximum abrasion resistance



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Well over 100,000 produced parts – usually only liquid systems have been able to deliver abrasion resistance at this level. However, this involves complex manufacturing processes and higher costs.

The polyurethane board material RAKU[®] TOOL WB-1258 for foundry applications is therefore truly a high performer in terms of abrasion resistance. Further benefits include:

- > Good dimensional stability and accuracy
- > Homogeneous surface
- > High impact strength, good edge strength
- > Very easy to machine
- > Excellent resistance to chemicals, no swelling

RAMPF Tooling Solutions offers RAKU[®] TOOL adhesives that are perfectly matched to the boards.

“With our large selection of high-quality RAKU[®] TOOL board materials, we have been able to establish a good position in the Russian market”, says Mikhail Malkov, Regional Sales Manager at RAMPF Tooling Solutions. “We also see great potential in close contour pastes as well as liquid systems for resin infusion [RI] and high-temperature applications in the composite industry. Because here, too, customers rely on top performance and the highest quality.”

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www.rampf-gruppe.de/en/



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.

It goes without saying that 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.

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