

# Brand New – Elastomeric Sealing Adhesive By RAMPF Polymer Solutions

High-performance, two-component polyurethane system RAKU<sup>®</sup> PUR 49-6006 Black for automotive, battery, and filter applications

© RAMPF Polymer Solutions GmbH & Co. KG

Page 1 of 3

**Grafenberg, Germany, June 14, 2023. Combining elastic bonding and sealing with maximum flexibility – the brand new elastomer sealing adhesive RAKU<sup>®</sup> PUR 49-6006 Black from RAMPF Polymer Solutions for applications in the automotive, battery, and filter industries.**



The experts at RAMPF Polymer Solutions have received numerous customer inquiries for a material that combines first-class sealing and bonding properties with the high degree of damping exhibited by elastomers. The new elastomer sealing adhesive RAKU<sup>®</sup> PUR 49-6006 Black combines all these properties into one high-performance product.

The solvent-free, filled two-component polyurethane system cures quickly at room temperature. It is used for bonding metals such as aluminum and steel, plastics, composites, rigid foams, wood and wood-based materials, ceramic, and cementitious substrates.

The benefits of RAKU<sup>®</sup> PUR 49-6006 Black:

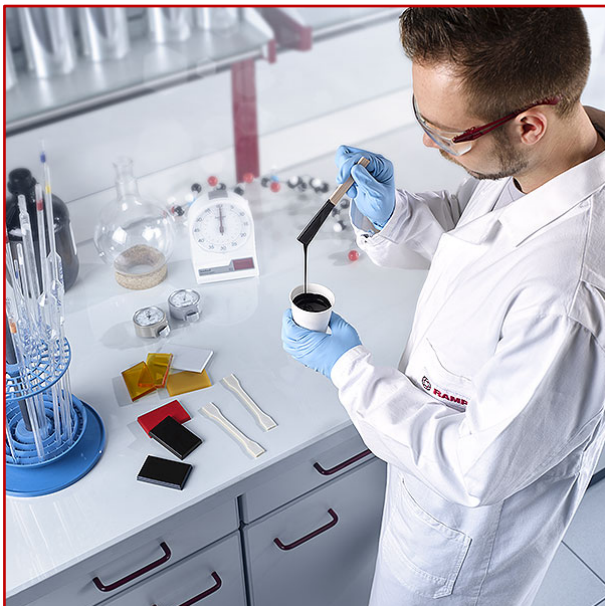
- > High elongation (> 300%) and good crack-bridging effect
- > Cohesive fracture pattern on different substrates
- > High strength

**Brand New – Elastomeric Sealing Adhesive By RAMPF Polymer Solutions**

High-performance, two-component polyurethane system RAKU<sup>®</sup> PUR 49-6006  
Black for automotive, battery, and filter applications

- > Very good recovery behavior
- > Low Shore hardness
- > Pot life / Reaction profile variably adjustable
- > Water-repellent surface, low moisture absorption
- > Stable (thixotropic processing profile)
- > Non-abrasive, non-corrosive
- > Easy processing on standard metering mixers
- > Can be used in cartridges (1:5)
- > Produced with renewable raw materials

Michael Wahl, Director Business Center Casting Resins & Elastomers at RAMPF Polymer Solutions – “We have over four decades experience developing and manufacturing customized products and solutions. Thanks to highly qualified personnel and state-of-the-art R&D infrastructure, we offer a high degree of flexibility and meet new market requirements very quickly. With RAKU<sup>®</sup> PUR 49-6006 Black, we have once again lived up to our reputation as a driver of innovation.”



At the RAMPF Innovation Center in Grafenberg, the company's R&D experts develop new products, optimize existing systems, and test new material combinations.

**Brand New – Elastomeric Sealing Adhesive By RAMPF Polymer Solutions**

High-performance, two-component polyurethane system RAKU<sup>®</sup> PUR 49-6006  
Black for automotive, battery, and filter applications

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



**RAMPF Polymer Solutions GmbH & Co. KG** based in Grafenberg, Germany, is a leading developer and manufacturer of reactive resin systems based on polyurethane, epoxy, and silicone.

The product portfolio includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, adhesive systems, and hotmelt adhesives.

The products of the RAKU<sup>®</sup> PUR (polyurethane), RAKU<sup>®</sup> POX (epoxy), RAKU<sup>®</sup> SIL (silicone), and RAKU<sup>®</sup> MELT (hotmelt adhesives) brands ensure the best solution for your application.

R&D is a top priority. In the RAMPF Innovation Center, experts work daily on the development of new products, the enhancement of existing products, and new material combinations.

RAMPF Polymer Solutions is certified to ISO 9001, IATF 16949, ISO 50001, and ISO 14001. The products are listed by leading manufacturers in the automotive, electrical, and electronics industries, amongst others, and meet the highest quality requirements such as IP 67, IP 69, UL 94 V0, FMVSS 302, UL 746 B (RTI), and thermal classification B – F.

With state-of-the-art production processes and plants, RAMPF guarantees the economical, quality-compliant, and ecological (ISO 14001) manufacture of its products.

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

Published by:  
**RAMPF Polymer Solutions** GmbH & Co. KG  
Albstrasse 37  
72661 Grafenberg  
Germany  
T + 49.7123.9342-0  
F + 49.7123.9342-2444  
E [polymer.solutions@rampf-group.com](mailto:polymer.solutions@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-group.com](mailto:benjamin.schicker@rampf-group.com)