

# RAMPF presents RAKU-PUR<sup>®</sup> Basic

2C polyurethane foam gasket for the effective and efficient sealing of packaging lids / Processing without air-load technology

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**Grafenberg, February 6, 2017. New from RAMPF Polymer Solutions – RAKU-PUR<sup>®</sup> 31-3190 Basic for the packaging industry. The 2C PU foam gasket protects reliably and effectively against contamination and leakage and was specially developed for machines with simple mixing and dosing technology.**

“RAKU-PUR<sup>®</sup> Basic guarantees for the safe transport and storage of various goods”, says Albert Schmid, Key Technology Manager at RAMPF Polymer Solutions, a leading developer and manufacturer of reactive resin systems based on polyurethane, epoxy, and silicone. Applications include lids for drums, pails, and IBCs made of plastic and steel. RAKU-PUR<sup>®</sup> 31-3190 Basic is also recommended for drums with drop test certificate.



RAKU-PUR<sup>®</sup> 31-3190 Basic – effective and efficient sealing of packaging lids

### Processing without air-load technology

RAKU-PUR<sup>®</sup> Basic was specially developed for basic mixing and dispensing technology. The material enables end users to significantly reduce investment costs for production machinery, as the 2C PU gasket can be processed on basic machines without air-load technology.

Further advantages of RAKU-PUR<sup>®</sup> 31-3190 Basic:

- > High temperature resistance
- > Outstanding chemical resistance
- > Very good compression set
- > Highly abrasion-resistant surface
- > Low assembly forces
- > Wide range of colors available

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Product features:

Type	2C PU liquid
Mixing ratio A:B	100:18.2
Viscosity A-Component [mPa*s]	3,500
Density (foamed in 30 ml beaker) [g/l]	275
Hardness (foamed in 30 ml beaker) [Shore]	60 [00]
Compression Set at 70°C [%]	6
Water Absorption [% Mass increase]	5
Tensile strength [MPa]	0.75
Break elongation [%]	238

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[www.rampf-gruppe.de](http://www.rampf-gruppe.de)



**RAMPF Polymer Solutions GmbH & Co. KG** is a leading developer and manufacturer of reactive resin systems based on polyurethane, epoxy, and silicone. The company also possesses comprehensive expertise in application technology.

The product portfolio of RAMPF Polymer Solutions includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, and adhesives.

Research and development are highly prioritized: Based in Grafenberg (near Stuttgart), Germany, the technology pioneer and quality leader has laboratories and facilities for application technology within its spacious Innovation Center. Every day in the RAMPF Innovation Center, new products are developed, existing products are adapted to specific customer requirements, and a huge range of material combinations are tested.

The materials created in the laboratory are tested in the application technology department, where samples are also made for customers to further enhance product quality and reduce the time to series production. Naturally, customers also receive support during the product rollout phase and production process.

RAMPF Polymer Solutions attaches particular importance to renewable raw materials during the initial research phase. Biopolyols are developed in cooperation with sister company RAMPF Eco Solutions. The potential use of recycled polyols in the composition of new products is also closely examined.

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

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