



Product Verification

Sustainability

according to BNB BN 2015

according to BREEAM International New Construction 2016

according to DGNB NBV 2015

according to DGNB Gebäude Neubau 2018

according to LEED Building Design and Construction V3 (2009)

according to LEED Building Design and Construction V4 (2015)

Application:

Moulds and profiles made of raw foam material, e.g. round profiles, square profiles as well as special moulds for industry and construction.

PUR grey round and square profiles are rotproof by humidity and fulfil the technical requirements of back filling materials for joint sealing to NF DTU 44.1.

Technical data:

| | | |
|---|-----------------------------|----------------------------------|
| Trade name | PUR | |
| Chemical basis | Polyurethane soft foam | |
| Colour | grey | |
| Raw density | $20 \pm 2 \text{ kg / m}^3$ | DIN EN ISO 845 / ASTM D-3574 |
| Compression strength at 40 % compression | $4.9 \pm 1.1 \text{ kPa}$ | DIN EN ISO 3386 – 1 / ASTM 3574C |
| Tensile strength | $\geq 100 \text{ kPa}$ | DIN EN ISO 1798 / ASTM D-3574E |
| Elongation at break | $\geq 80 \%$ | DIN EN ISO 1798 / ASTM D-3574E |
| Compression Set at 22 h, 50 %, 70 °C | $\leq 10 \%$ | DIN EN ISO 1856 / ASTM D-3574D |
| Pores per cm | $11 \pm 3 \text{ cm}^{-1}$ | |

Remark:

As standard, PUR is supplied as round profiles with a dimension of 10 mm to 100 mm, various square and polygonal profiles. Short-term production of specific moulds according to your technical drawings is possible.

The above data are to be considered average values.

Effective are our general terms of sale, delivery and payment.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2025. Please request the latest version after Jan. 01, 2026.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils

BOSIG GmbH

D – 73333 Gingen, Brunnenstraße 75 - 77

Telephone +49(0)7162-40 99-0 Fax +49(0)7162-40 99-200

www.bosig.de
info@bosig.de