

Product Description

Polyurethane soft foam impregnated with modified acrylate dispersion and auxiliary and filler materials.

Product Properties

- Permanently elastic
- Tolerance compensating
- Sound insulating
- Sealing (sealing effect dependent on the degree of compression)
- Breathable
- No migration of impregnate
- DBL 1250
- VDA 278



Applications

- Automotive
- Technology
- Device construction
- Sound insulation
- Dust and draft sealing

Form of Delivery

- Die-cut parts
- Cut-to-size pieces
- Equippable with one-sided or double-sided self-adhesive
- Pre-compressed, on rolls, one-sided self-adhesive
- Available in thicknesses from 5 to 50 mm

Processing

Application based

Technical Data

Property	Norm	Value
Color	-	black
Bulk density	EN ISO 845	150 kg/m ³ +-15%
Compression Hardness	EN ISO 3386	6 kPa ± 15% (bei 40%)
Tensile Strength	EN ISO 1798	>100 kPa (160 kPa *)
Elongation at Break	EN ISO 1798	>150% (167 % *)
Compression Set	EN ISO 1856-B	≤ 5 % (4,9 %*)
Emissions	VDA 278	VOC ≤ 200 ppm (5 ppm*) FOG ≤ 600 ppm (25 ppm*)
Odor	VDA 270	≤ 3 (2,7 *)
Fire behavior	DIN 75200 / FMVSS 302 / ISO 3795 /TL1010 / DBL 5307 UL 94 EN 13501-1 / DIN 4102-1	≤ 100 mm / min (0/SE*) V0 & HF ** Klasse E / B2 ***
Automotive	DBL 1250.06 & .07 (self adhesive) DBL 1250.08 & .09 (self adhesive)	Fulfilled Fulfilled
Temperature Resistance	-	- 40°C bis +100°C, short term 130°C

* Measured Value, ** UL94 in accordance, not UL-listed, *** internal in accordance

Special instructions

Materials with soft foam structure tend to undergo dimensional changes during processing (such as punching, cutting, pressing, winding, assembly, etc.). The general dimensional tolerances according to DIN 7715-P3 are maintained. If there are special requirements for dimensional stability, please contact our customer service. Compressed material, in particular, shows delayed recovery behavior depending on the storage duration and does not expand back to the original thickness.

Cleaning

Skin cleaning with water and soap. Removal of impregnate and/or adhesive residues is possible with a gasoline-based cleaning agent. Please observe safety regulations.

Environment, Disposal and Safety

Based on existing data and experience, the product is not classified as a hazardous substance under the Hazardous Substances Regulation and corresponding EC directives. However, we recommend observing the usual care and hygiene practices for handling chemical substances. Residues can be disposed of with household waste. Local regulations must be observed.

The product complies with the following directives, or meets the required application restrictions: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (Greenhouse Gases), 2024/590 (Ozone Layer Depletion), GADSL.

Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at www.hanno.com, apply. This datasheet provides non-binding information without guarantee. The stipulated instructions for use are to be adapted to the respective conditions. The user is obligated to check the suitability and applicability through their own testing in order to avoid failures for which we assume no liability. Subject to technical changes. In case of discrepancies, the German version shall prevail.

You can request the latest version of this datasheet at info@hanno.com.

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