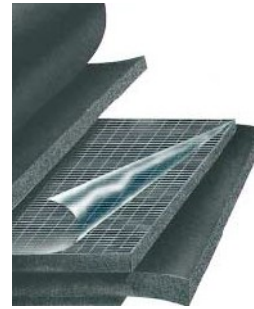


Hanno®-CR 130 EPDM H

Product Description

Closed-cell, soft-elastic cellular rubber based on EPDM rubber with particularly good weather and ozone resistance.



Product Properties

- High strength
- Very good chemical resistance**

Medium	Evaluation	Medium	Evaluation
acids		alkalis	
weak	+	weak	+
alum aqueous	+	detergent	+
more concentrated	o	ammonia (cold)	+
nitric acid	-	more concentrated	o
sulfuric acid	-	Other chemicals	
hydrochloric acid	o	glycerin	+
alcohols		antifreeze / glycol	+
ethanol	+	carbonic acid	+
methanol	+	ozone	+
hydrocarbons		silicone oil and grease	+
fuels	-	chlorine gases	o
oils / fats	-	Water	+
heating oil	-	water vapor	+
white spirit	-	seawater	+
nitro thinner	-	carbonic acid	+
brake fluid	+	photochemicals	+
solvent	-	Chlorinated lime (aqueous)	+
**Chemical resistance: + = resistant, o = conditionally usable, - = not suitable			

Applications

- Automotive Industry
- Aviation Technology
- Sanitary Engineering
- Ventilation and Air Conditioning Construction

Form of Delivery

- Plates
- Strips
- Stamped parts
- Blanks
- Can be equipped self-adhesive

Technical Data

Property	Standard	Value
Color	-	black
Bulk density	EN ISO 845	130 ± 20 kg/m ³
Compression hardness	ASTM D-1056	70 ± 20 kPa (25 %) 160 ± 40 kPa (50 %)
Compression Set	ASTM-D-1056	≤ 65 % (23°C / 22 h / 50 %) ≤ 80 % (40°C / 22 h / 50 %)
Tensile strength	EN ISO 1798	≥ 400 kPa
Elongation at break	DIN EN ISO 1798	≥ 100 %
Shrinkage	-	≤ 5 % (3 h, 80°C, 6,3 mm)
Water absorption	ASTM-D-1056	≤ 7 %
Fire behavior	FMVSS 302 / DIN 75200 / ISO 3795	< 100 mm/min ≥ 5mm
Weather resistance	ISO 877	sehr gut
Ozone resistance	ISO 1431-1	Crack formation rating 0
Shore hardness	ISO 868 - Shore 00	55 ± 10
Application temperature	-	-40 - 100°C

Processing

Only apply on dry, grease-free, clean surfaces. Press surface well. You can easily adapt the material and cut it with a sharp knife.

Special Instructions

All materials with a proportion of closed cells tend to exhibit some shrinkage behavior during processing and/or operating conditions. The degree of shrinkage depends on the type of material, density, temperature, exposure time, part size, and cell size. In general, the dimensional tolerances of DIN 7715-P3 can be maintained. For special requirements regarding dimensional accuracy, please contact our customer service.

The technical data is based on manufacturer information. Availability is subject to technical examination and feasibility for the desired dimensions.

Cleaning

No significant contamination from the material is expected. Adhesive residue on self-adhesive parts can be removed with gasoline if necessary. Safety regulations for the cleaning agent used must be observed.

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),.

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.

Hanno Werk GmbH & Co. KG

Hanno-Ring 3-5

30880 Laatzen

Germany

Telephone: +49 5102 7000-0

info@hanno.com

www.hanno.com

