

EPDM is suitable for outdoor applications where water, sun and weather conditions impact. Fills out better at low sealing pressures.

ISO	EPDM Terpolymre of ethylene, propylene and a diene (unsaturated diene in side chain)
Shape	Rolls
Color	Black
Temperature Range	-40 and 100 °C
Density	1050 kg/m ³
Hardness	50 Shore A (± 5)
Elongation at break	500 %
Tensile strength	8 N/mm ²

Material information

Particularly good ozone, aging and weather resistance. Suitable for water, air, acids and bases. Ideal for use in swimming pools.

Usage examples

Profile rubber, seals for air conditioning systems, automotive industry (various automotive approvals such as VW 2.8.1 G50) and chemicals. Measurement tolerance 7715-P3

Petrol	Oil	UV	Water	Wear resistance	Acids	Alkali	Base
Not suitable	Not suitable	Good	Good	Low	Good	Not suitable	Good

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
12100020	EPDM 50 Shore 2 mm	1.400	20.000
12100030	EPDM 50 Shore 3 mm	1.400	10.000
12100050	EPDM 50 Shore 5 mm	1.400	10.000
12100100	EPDM 50 Shore 10 mm	1.400	5.000

Compression set

[tbl_compressieset_explainer](#)

Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	100 °C	45 %

Veroudering

[tbl_ageing_explainer](#)

Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongation
DIN 53508	70 Duration 100 Temperature	5	-10 %	-30 %



Storage advice (ISO 2230)

The enclosed specification gives an indication of the storage periods to prevent degradation in properties of the material. Exposure to light and moisture should be avoided as much as possible. It is advisable to check the material in advance if it is to be stored for more than one year.

Group	Minimum temperature	Maximum temperature	Maximum humidity	Shelf life	Extension after inspection
C	10 °C	25 °C	65 %	10 year	5 year

We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

