

Material

80 EPDM EP801801

Revision Index
02

Revision Date
09.09.2022

General Data

Colour: violet
 Type of cross-linking: Peroxidic

Physical Properties

	Nominal Range	Typical Value	
Density CNS 5341-96	1.36 ±0.03	1.34	g/cm ³
Hardness ASTM D 2240, Shore A	80 ±5	81	Shore
Modulus 100 %, ASTM D412-16		7.1	MPa
Tensile strength ASTM D 412-16		14.3	MPa
Elongation at break ASTM D 412-16		210	%
Tear strength ASTM D624, B		34.3	KN/m
Low temperature resistance DIN ISO 812, Brittleness		-55	°C
Ozone Resistance ASTM D 1171-18, 40 °C, 70 h, 50 pphm		0	
Compression set ASTM D 395, B, 22 h, 125 °C		12	%

Temperature Range

static: -40 to 150 °C

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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