

Material

80 FKM FP801801

Revision Index
05

Revision Date
09.01.2024

General Data

Colour: black
Type of cross-linking: Bisphenol cure system

Declaration of Compliance for - DVGW Gas is available upon request for selected articles. Please contact your known sales contact or send an email to info@fst.com.

Physical Properties

	Nominal Range	Typical Value	
Density CNS 5341-96	1.87 ±0.03	1.86	g/cm ³
Hardness ASTM D2240-15, Shore A	80 ±5	82	Shore
Tensile strength ASTM D412-16	>10	14	MPa
Elongation at break ASTM D412-16	>150	169	%
Modulus 100 %, ASTM D412-16		8.2	MPa
Compression set ASTM D395-18, Prüfkörper B, 22 h, 200 °C, plied	<50	17	%

Temperature Range

static: -20 to 200 °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.

Print date: 30.04.2025