

Material

90 FKM FP901805

Revision Index
02

Revision Date
09.11.2022

General Data

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

Physical Properties	Nominal Range	Typical Value	
Density CNS 5341-96	2.1 +0.04 /-0.02	2.12	g/cm ³
Hardness ASTM D 2240-15, Shore A	90 ±5	87	Shore
Modulus 100 %, ASTM D 412-16		16	psi
Tensile strength ASTM D 412-16		18.5	MPa
Elongation at break ASTM D 412-16		126	%
Compression set ASTM D 395-18, B, 22 h, 175 °C, plied		22	%
Compression set ASTM D 395-18, B, 22 h, 200 °C, plied		26	%

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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