

Material

80 FVMQ F229

Version
 01

Released on
 24.07.2018

General Data

Colour: red

Physical Properties	Nominal Range	Typical Value
Density DIN EN ISO 1183, 23 °C		1.71 g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C		77 Shore
Modulus 100 %, DIN 53504, S2, 23 °C		4.5 MPa
Tensile strength DIN 53504, S2, 23 °C		6.1 MPa
Density ASTM D792	1.72 ±0.03	1.72 g/cm ³
Hardness ASTM D2240, Shore M	80 ±5	80 Shore
Elongation at break DIN 53504, S2, 23 °C		152 %
Hardness ASTM D2240, Shore A	80 ±5	80 Shore
Compression set DIN ISO 815, B, 24 h, 175 °C, 25 %		30 %
Tensile strength ASTM D1414		838 psi
Elongation at break ASTM D1414		141 %
Tear strength ASTM D1414, B		206 pound/ inch
Low temperature test ASTM D1329, TR10		-69 °F
Compression set ASTM D395, B, 70 h, 24 °C, 25 %		10 %
Compression set ASTM D395, B, 22 h, 175 °C, 25 %		19 %

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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: 20.10.2025