Material
72 NBR 872

Revision Index	Revision Date
16	25.03.2021

General Data

Colour:	black
Type of cross-linking:	Sulfur

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 DIN EN ISO 1183-1	1.21 ±0.02	1.21	g/cm³
Hardness DIN ISO 7619-1	72 ±5	72	Shore
Micro hardness DIN ISO 48 Verfahren M	72 ±5	70	IRHD
Rebound resilience DIN 53512	>25	34	%
Modulus 100 %, DIN 53504, S2	>4	6.5	MPa
Tensile strength DIN 53504, S2	>14	16.5	MPa
Elongation at break DIN 53504, S2	>250	295	%
Compression set DIN ISO 815, I, 24 h, 100 °C, 25 %	<25	18	%
Glass transition temperature DIN 53765, DSC		-34	°C
Torsions pendulum test DIN 53445		-25	

Temperature Range

static:	-40 to 100 °C
dynamic:	-30 to 100 °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 manufactories 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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