

Material

75 NBR 106200

 Revision Index
 09

 Revision Date
 05.10.2018

General Data

Colour: black

Physical Properties

	Nominal Range	Typical Value	
Density DIN EN ISO 1183-1	1.44 ±0.02	1.44	g/cm ³
Hardness DIN ISO 7619-1	75 ±5	75	Shore
Rebound resilience DIN 53512	>25	36	%
Modulus 100 %, DIN 53504, S2	>4	6.5	MPa
Tensile strength DIN 53504, S2	>10	12.5	MPa
Elongation at break DIN 53504, S2	>250	360	%
Glass transition temperature DIN 53765, DSC		-30	°C
Glass transition temperature ISO 11357-2, DSC		-29.8	°C
Ash ISO 247		47.9	%
Compression set ASTM D 395, B, 22 h, 100 °C, 25 %	<40	28	%
Hardness JIS K6253, Shore A	75 ±5	76	Shore
Tensile strength JIS K6251		12.8	MPa
Elongation at break JIS K6251		437	%
Compression set JIS K6262, 22 h, 100 °C		29	%

Temperature Range

static: -40 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 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: 29.04.2025