

Material

85 NBR B247

Revision Index
 05

Revision Date
 04.05.2021

General Data

 Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value
Density DIN EN ISO 1183-1, 23 °C	1.24	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	85	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	13.5	MPa
Tensile strength DIN 53504, S2, 23 °C	21.9	MPa
Elongation at break DIN 53504, S2, 23 °C	160	%
Tear strength DIN ISO 34-1, B, 23 °C	17	KN/m
Compression set DIN ISO 815, B, 24 h, 70 °C, 25 %	10	%
Compression set DIN ISO 815, B, 70 h, 100 °C, 25 %	22	%
Glass transition temperature DIN 53545, TR	-12	°C
Low temperature resistance DIN 53546, Brittleness	-30	°C
Glass transition temperature ISO 11357-2, DSC	-20	°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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