

Material
75 NBR 7507

black

cross linking: sulfur

revision index

revision date

1

12/3/2018

page

1 / 2

Physical properties

nominal range

typical values

Density

DIN EN ISO 1183-1, 23 °C

1.24

g/cm³

Hardness

DIN ISO 7619-1, Shore A, 23 °C

75 ±5

73

Shore

Modulus

100 %, DIN 53504, S2, 23 °C

4.6

MPa

Tensile strength

DIN 53504, S2, 23 °C

19.7

MPa

Elongation at break

DIN 53504, S2, 23 °C

435

%

Temperature range

-40°C to 100°C

Declarations of conformity

No data found!

Freudenberg

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Technology&Innovation

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revision index	revision date	page	2 / 2
1	12/3/2018		

Tested after ASTM D 2000: M 5 BG 710 A14 B14 EO14 EO34

		nominal range	typical values
Hardness	Shore	70 ±5	72
Tensile strength	MPa	min. 10	19.7
Elongation at break	%	min. 250	385
A14 Change after aging in Air 70h/100°C			
Hardness	Shore A	±15	6
Tensile strength	%	-20	10
Elongation at break	%	-40	-25
B14 Compression set 22h/100°C			
	%	25	7
EO14 Change after aging in IRM 901 70h/100°C			
Hardness	Shore A	-5 to 15	5
Tensile strength	%	-25	12
Elongation at break	%	-45	-20
Volume	%	-10 to 5	-7
EO34 Change after aging in IRM 903 70h/100°C			
Hardness	Shore A	0 to -15	-6
Tensile strength	%	-45	10
Elongation at break	%	-45	-18
Volume	%	0 to 35	12

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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