

Technical data sheet in accordance with ASTM

Material

70 NBR 177646

black

revision index

5

revision date

1/23/2019

page

1 / 2

Physical properties

	nominal range	typical values	
Density ASTM D297	1.25 ±0.02	1.25	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	73	Shore
Tensile strength ASTM D412	---	15.7	MPa
Elongation at Break ASTM D412	---	318	%
Modulus 100 %, ASTM D412	---	5.3	MPa
Modulus 200 %, ASTM D412	---	11.5	MPa
Modulus 300 %, ASTM D412	---	14.5	MPa
Low temperature test ASTM D1329, TR10	---	-30	°C
Compression set ASTM D395, B, 22 h, 100 °C, 25 %	---	9	%
Temperature range	-30°C to 100°C		

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity. Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

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page 2 / 2

No ASTM D2000 properties available

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 manufactory 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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