

Technical data sheet in accordance with ASTM

Material

EPDM EP702805

black

cross linking: peroxidic

revision index

1

revision date

9/26/2017

page

1 / 2

Physical properties

	nominal range	typical values	
Density ASTM D 1817	1.11 ±0.02	1.11	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	70	Shore
Tensile strength ASTM D412	---	15.7	MPa
Elongation at break ASTM D412	---	270	%
Low-temperature resistance ASTM D 2137, 3 min, pass	---	-55	
Compression set ASTM D395, Slab B, 22 h, 150 °C, 25 %	---	15.1	%

Declarations of conformity

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

	Country	Part	Remark	Expires
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Change after aging

in Air: 70h/150°C

		Typ. values		
		Base value	After aging	difference
Hardness (ASTM D2240, Shore A)	Shore	70	74	4
Tensile strength (ASTM D412)	MPa	15.7	16.1	2 %
Elongation at break (ASTM D412)	%	270	244.6	-9 %

Change after aging

in Water: 70h/100°C

		Typ. values		
		Base value	After aging	difference
volume change (ASTM D471)	%		2.5	

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). 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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