

Material

95 AU V142

blue

revision index

10

revision date

3/30/2022

page

1 / 3

Physical properties

	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.20 ±0.02	1.20	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	94 ±3	94	Shore
Hardness DIN ISO 7619-1, Shore D, 23 °C	46 ±5	46	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	> 11	13.8	MPa
Tensile strength DIN 53504, S2, 23 °C	> 48	58	MPa
Elongation at break DIN 53504, S2, 23 °C	> 430	540	%
Tear strength DIN ISO 34-1, B (b), 23 °C	---	103	KN/m
Compression set DIN ISO 815, 24 h, 70 °C, 10 %	---	24	%
Compression set DIN ISO 815, 24 h, 100 °C, 10 %	---	29	%
Low Temperature ISO 11357-2, DSC	---	-36	°C
Torsions pendulum test DIN EN ISO 6721-2A	---	-22	°C
Temperature range	-30°C to 110°C		

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
BPA/Phthalate free			BPA/Phthalate free	see DoC
Conflict Mineral Free			see certificate	see DoC

Freudenberg

Freudenberg FST GmbH
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95 AU V142

blue

revision index

10

revision date

3/30/2022

page 2 / 3**Country Part****Remark****Expires**

Info ROHS and ELV

EU 2000/53 (ELV) including EU 2011/65 and
EU2015/863 (ROHS III)

see DoC

PFOA / PFOS free

see certificate

see DoC

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95 AU V142

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revision index

10

revision date

3/30/2022

page

3 / 3

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 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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