Freudenberg
Sealing Technologies

Material
94 AU 925

blue

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Physical properties	required	actual	
Density DIN EN ISO 1183-1, 23 °C	1.18 ±0.02	1.18	g/cm³
Hardness DIN ISO 7619-1, Shore A, 23 °C	94 +3/-4	94	Shore
Hardness DIN ISO 7619-1, Shore D, 23 °C	43 ±5	43	Shore
Modulus 50 %, DIN 53504, S2, 23 °C	> 8	9.1	MPa
Modulus 300 %, DIN 53504, S2, 23 °C	> 18	22	MPa
Tensile strength DIN 53504, S2, 23 °C	> 55	64	MPa
Elongation at break DIN 53504, S2, 23 °C	> 430	500	%
Rebound resilence DIN 53512	---	40	%
Tear strength DIN 53507, A, 23 °C	---	95	KN/m
Compression set DIN ISO 815, B, 24 h, 70 °C, 10 %	---	24	%
Compression set DIN ISO 815, B, 24 h, 100 °C, 20 %	---	35	%
Compression set DIN ISO 815, B, 70 h, 100 °C, 10 %	---	49	%
Low Temperature DIN 53765, DSC	---	-38	°C
Torsions pendulum test DIN EN ISO 6721-2A	---	-25	°C

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No ASTM D2000 properties available

Temperatue-range: from - 30 °C to + 110 °C

Compliant with the EU-directives 2011/65/EC (RoHS) and 2002/95/EC (RoHS).

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 provisons do not plan for something else.