

Material

75 FKM 260466

auburn

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Physical properties

Density

DIN EN ISO 1183-1, 23 °C

nominal range

2.08 ±0.03

typical values

2.08

g/cm³

Hardness

DIN ISO 7619-1, Shore A, 23 °C

75 ±5

77

Shore

Modulus

100 %, DIN 53504, S2, 23 °C

12.7

MPa

Tensile strength

DIN 53504, S2, 23 °C

> 15

18.8

MPa

Elongation at Break

DIN 53504, S2, 23 °C

> 140

178

%

Temperature range

-30°C to 200°C

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

Freudenberg

Freudenberg FST GmbH
Global Material Technology
Wolfgang Becker

Telefon: +49 (0)6201/80-2893

Fax: +49 (0)6201/88-2893

Email: wolfgang.becker@FST.com

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Tested after ASTM D 2000: M 2 HK 710 A1-10 B37 B38 EF31 EO78 Z1

		nominal range	typical values
Hardness	Shore	70 ±5	75
Tensile strength	MPa	min. 10	17.5
Elongation at break	%	min. 175	181
A1-10 Change after aging in Air 70h/250°C			
Hardness	Shore A	10	2
Tensile strength	%	-25	5
Elongation at break	%	-25	15
B37 Compression set 22h/175°C	%	50	24
B38 Compression set 22h/200°C	%	50	35
EF31 Change after aging in Fuel C 70h/23°C			
Hardness	Shore	±5	-3
Tensile strength	%	-25	-12
Elongation at break	%	-20	35
Volume	%	0 to 10	2
EO78 Change after aging in Fluid No. 101 70h/200°C			
Hardness	Shore	-15 to 5	-5
Tensile strength	%	-40	-15
Elongation at break	%	-20	30
Volume	%	0 to 15	8
Z1 Low Temperature DIN 53765, DSC	°C	---	-16

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

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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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