

Material

70 NBR 438

black

cross linking: peroxidic



CONTACT US

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Physical properties

Density

DIN EN ISO 1183, 23 °C

1.17 ±0.02

1.17

g/cm³

Hardness

DIN ISO 7619-1, Shore A, 23 °C

70 ±5

71

Shore

Modulus

100 %, DIN 53504, S2, 23 °C

> 4

5.3

MPa

Tensile strength

DIN 53504, S2, 23 °C

> 12.5

14.2

MPa

Elongation at Break

DIN 53504, S2, 23 °C

> 220

295

%

Compression set

DIN ISO 815, B, 70 h, 125 °C, 25 %

< 30

24

%

Compression set

DIN ISO 815, B, 22 h, 100 °C, 25 %

< 20

14

%

Low Temperature

ISO 11357-2, DSC

-25

°C

Temperature range

-25°C to 100°C

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
(EG) 1935/2004	EU		food		<input checked="" type="checkbox"/>
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		<input checked="" type="checkbox"/>
3-A Sanitary	USA	Seals	Class II	12 / 2022	<input type="checkbox"/>
ADI Free			see certificate		<input checked="" type="checkbox"/>
BFR XXI, Kat 4	DE		food		<input checked="" type="checkbox"/>
BPA/Phthalate free			BPA/Phthalate free		<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>

Freudenberg

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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 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 provisions do not plan for something else.

Freudenberg

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