

Material

75 FKM 38269

black

cross linking: peroxidic

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Physical properties	nominal range	typical values	
Density ASTM D1817, 23 °C	2.11 ±0.03	---	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	75 ±5	---	Shore
Tensile strength DIN 53504, S2, 23 °C	---	23.7	MPa
Elongation at Break DIN 53504, S2, 23 °C	---	240	%
Compression set ASTM D395, B, 24 h, 200 °C, 25 %	---	19	%
Low temperature test ASTM D1329, TR10	---	-15	°C
Temperature range	-25°C to 200°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"/>
ADI Free			see certificate		<input checked="" type="checkbox"/>
BPA/Phthalate free			BPA/Phthalate free		<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

Freudenberg

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No ASTM D2000 properties available

Compliant with the EU-directives 2000/53/EC (ELV).

The material fulfills the requirements of 3A-Sanitary 18-3 Class I.

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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