

Material

FFKM FF80B401

black

cross linking: peroxidic

revision index

1

revision date

7/20/2020

page

1 / 2

Physical properties

	nominal range	typical values	
Density ISO 2781	2.03 ±0.03	2.03	g/cm ³
Hardness DIN ISO 48	---	77	IRHD
Tensile strength ISO 37	---	16.4	MPa
Modulus 100 %, ISO 37	---	10.4	MPa
Elongation at break ISO 37	---	159	%
Compression set DIN ISO 815, Slab B, 24 h, 204 °C, 25 %	---	24	%

Temperature range

-15°C to 260°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
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

Freudenberg Industrial Services GmbH
 Global Material Technology
 Nadja Güldner
 Telefon: -
 Fax: -
 Email: FIS.Compound.CRC@fst.com

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revision index

1

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7/20/2020

page 2 / 2

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 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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Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner
Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com