

Material

70 HNBR DO714

black
cross linking: peroxidic

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5/21/2024	8	7/10/2020		

Physical properties	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.21 ±0.02	1.21	g/cm³
Hardness DIN ISO 7619-1, Shore A, 23 °C	70 ±5	68	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	---	4.4	MPa
Modulus 100 %, DIN 53504, S2	---	638	Psi
Tensile strength DIN 53504, S2, 23 °C	---	20.4	MPa
Tensile strength DIN 53504, S2	---	2959	Psi
Elongation at break DIN 53504, S2, 23 °C	---	331	%
Compression set DIN ISO 815, Slab B, 24 h, 150 °C, 25 %	---	17	%
Temperature range	static: -40°C to 140°C dynamic: -25°C to 140°C		

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 provisions do not plan for something else.

Freudenberg
Freudenberg FST GmbH
Technology&Innovation
Material Compliance

Phone: -
Fax: -
Email: MaterialCompliance@fst.com

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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

**Information on restricted substances ROHS
(on the restriction of the use of certain hazardous substances in electrical and
electronic equipment) and ELV (end-of-life vehicle regulation)**

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We declare that the material

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complies with the following directives on the restriction of the use of certain hazardous substances:

- EU 2011/65/EG and its amendments as well as EU 2015/863 amending Annex II of ROHS directive (ROHS III)
- China GB/T 26572-2011 and its amendments
- EU 2000/53/EG and its amendments of ELV regulation

Based on the information available to us from our suppliers the maximum limits of the following substances are not exceeded:

- Hexavalent chromium and its compounds: 0,1%
- Cadmium and its compounds: 0,01%
- Mercury and its compounds: 0,1%
- Lead and its compounds: 0,1%
- Polybrominated diphenylethers (PBDE): 0,1%
- Polybrominated biphenyls (PBB): 0,1%
- Bis(2-ethylhexyl) phthalate (DEHP): 0,1%
- n-butyl benzyl phthalate (BBP): 0,1%
- Dibutyl phthalate (DBP): 0,1%
- Diisobutyl phthalate (DIBP): 0,1%

None of the regulated hazardous substances is intentionally added to the raw materials used or in the manufacturing process of rubber. Analytical testing of these components is not routinely performed.

This declaration is based on our technical and scientific level of our knowledge and the regulations applicable on the date of issuance.

Date of issue:

11/28/2019

The document is valid from the date of issue and remains valid until relevant regulatory changes.

FreudenbergFreudenberg FST GmbH
Technology&Innovation
Material Compliance

Phone: -

Fax: -

Email: MaterialCompliance@fst.com