

Material

70 EPDM 391

black

cross linking: peroxidic

revision index

4

revision date

1/18/2023

page

1 / 2

Physical properties

nominal range

typical values

Density

DIN EN ISO 1183-1, 23 °C

1.08

g/cm³

Hardness

DIN ISO 7619-1, Shore A, 23 °C

72

Shore

Tensile strength

DIN 53504, S2, 23 °C

10

MPa

Elongation at break

DIN 53504, S2, 23 °C

151

%

Compression set

DIN ISO 815, Slab B, 24 h, 150 °C, 25 %

13

%

Temperature range

-40°C to 150°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
(EG) 1935/2004	EU		food	see DoC
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
3-A Sanitary	USA	Seals	Class II	12 / 2027
BFR XXI, Kat 4	DE		food	see DoC
FDA	USA	Seals	§ 177.2600	see DoC

Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com

Material

70 EPDM 391

black

cross linking: peroxidic

revision index

4

revision date

1/18/2023

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) 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 provisons do not plan for something else.

Freudenberg

Freudenberg FST GmbH
Technology&Innovation
Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com