

# Material

## 70 EPDM 391

black

cross linking: peroxidic

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### Physical properties

### nominal range

### typical values

#### Density

DIN EN ISO 1183-1, 23 °C

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1.08

g/cm<sup>3</sup>

#### Hardness

DIN ISO 7619-1, Shore A, 23 °C

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72

Shore

#### Tensile strength

DIN 53504, S2, 23 °C

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10

MPa

#### Elongation at break

DIN 53504, S2, 23 °C

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151

%

#### Compression set

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

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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
USP chapter 87 (In vitro)	USA	Seals		07 / 2034

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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) 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

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