

Technical data sheet in accordance with ASTM

**Material**  
**70 FFKM FF701K**

black

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**Physical properties**

**typical values**

**Density**

DIN EN ISO 1183-1, 23 °C

1.95

g/cm<sup>3</sup>

**Hardness**

ASTM D2240, Shore A

70

Shore

**Modulus**

100 %, ASTM D412

5.2

MPa

**Tensile strength**

ASTM D412

9

MPa

**Elongation at break**

ASTM D412

170

%

**Compression set**

ASTM D395B, 70 h, 204 °C

42

%

**Compression set**

ASTM D1414, 70 h, 204 °C, O-ring

53

%

**Temperature range**

-42°C to 220°C

**Declarations of conformity**

No data found!

**Freudenberg**

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: [MaterialCompliance@fst.com](mailto:MaterialCompliance@fst.com)

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## **Material**

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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). 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.

### **Freudenberg**

Freudenberg FST GmbH

Technology&Innovation

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Telefon: -

Fax: -

Email: [MaterialCompliance@fst.com](mailto:MaterialCompliance@fst.com)