

Technical data sheet in accordance with ASTM

# Material

## 70 EPDM E700N

black

cross linking: sulfur

**revision index**

1

**revision date**

7/28/2021

**page**

1 / 2

### Physical properties

#### nominal range

#### typical values

#### Density

ASTM D297

---

---

g/cm<sup>3</sup>

#### Hardness

ASTM D2240, Shore A

70 ±5

72

Shore

#### Tensile strength

ASTM D412, C

> 1500

1913

Psi

#### Elongation at break

ASTM D412, C

> 250

308

%

### Declarations of conformity

No data found!

### Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

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

Technical data sheet in accordance with ASTM

# Material

## 70 EPDM E700N

black

cross linking: sulfur

**revision index**

1

**revision date**

7/28/2021

**page**

2 / 2

**Tested after ASTM D 2000: M 3 BA 710 A14 B13**

		<b>nominal range</b>	<b>typical values</b>
Hardness	Shore	70 ±5	72
Tensile strength	MPa	min. 10	13.19
Elongation at break	%	min. 250	308
<b>A14 Change after aging in Air 70h/100°C</b>			
Hardness	Shore	10	1
Tensile strength	%	-25	5.82
Elongation at break	%	-25	-17.87
<b>B13 Compression set 22h/70°C</b>			
	%	25	7.63

This material corresponds in its composition to the requirements of NSF 61

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 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