

Material **70 EPDM E701B**

black

cross linking: peroxidic

revision index

1

revision date

8/18/2021

page

1 / 3

no physical properties available

Declarations of conformity

No data found!

Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com

Material

70 EPDM E701B

black

cross linking: peroxidic

revision index
1

revision date
8/18/2021

page 2 / 3

Tested after ASTM D 2000: M 4 CA 714 A25 B35 C32 EA14 F19 Z1 Z2 Z3 Z4 Z5

			nominal range	typical values
	Hardness	Shore	70 ±5	72
	Tensile strength	MPa	min. 14	14.4
	Elongation at break	%	min. 200	225
A25	Change after aging in Air 70h/125°C			
	Hardness	Shore	10	2
	Tensile strength	%	-20	2
	Elongation at break	%	-40	-9
B35	Compression set (plied) 22h/125°C	%	70	20
C32	Ozone Resistance 38°C	Rating	no cracks	no cracks
EA14	Change after aging in Distilled water 70h/100°C			
	Volume	%	±5	0.4
F19	Low-temperature resistance after 3 min at -55 °C 3min./-55°C		pass	pass
Z1	Tear strength ASTM D624	KN/m	25.5	30.4
Z2	Modulus 100 %, ASTM D412	MPa	---	4.48
Z3	Modulus 200 %, ASTM D412	MPa	---	11.62
Z4	Specific Gravity	g/cc	1.16 ±0.02	1.171
Z5	Change after aging in Water 70h/100°C			
	Hardness Shore A	Shore	---	1
	Tensile strength	%	---	7
	Elongation at break	%	---	4

Freudenberg

Freudenberg FST GmbH
Technology&Innovation
Material Compliance
Telefon: -
Fax: -
Email: MaterialCompliance@fst.com

Material

70 EPDM E701B

black

cross linking: peroxidic

revision index	revision date	page
1	8/18/2021	3 / 3

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