

Material

80 NBR 186349

auburn

cross linking: sulfur

revision index

4

revision date

5/3/2018

page

1 / 2

Physical properties

nominal range

typical values

Density

DIN EN ISO 1183-1

1.30

g/cm³

Hardness

DIN ISO 7619-1

81

Shore

Modulus

100 %, DIN 53504, S2

7.6

MPa

Tensile strength

DIN 53504, S2

13.3

MPa

Elongation at break

DIN 53504, S2

206

%

Compression set

DIN ISO 815, Slab B, 22 h, 100 °C, 25 %

10

%

Low Temperature

ISO 11357-2, DSC

-29

°C

Temperature range

static: -40°C to 100°C
dynamic: -30°C to 100°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

Info ROHS and ELV

EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)

see DoC

Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com

Material

80 NBR 186349

auburn

cross linking: sulfur

revision index

4

revision date

5/3/2018

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 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
Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com