

Technical data sheet in accordance with ASTM

Material

90 AU U903BBK

black

cross linking: peroxidic

revision index

1

revision date

8/18/2021

page

1 / 2

Physical properties

nominal range

typical values

Hardness

DIN ISO 48-4, Shore A, 23 °C

93

Shore

Specific Gravity

ASTM D792

1.19

g/cc

Abrasion

32

mm³

Modulus

50 %

8.4

MPa

Modulus

100 %

10

MPa

Modulus

300 %

24.1

MPa

Tensile strength

41.4

MPa

Elongation at break

DIN 53504, S2, 23 °C

520

%

Tear Resistance

98

MPa

Softening Point

130

°C

Compression set

24 h, 23 °C

17

%

Compression set

72 h, 70 °C

31

%

Compression set

24 h, 100 °C

72

%

Declarations of conformity

No data found!

Freudenberg

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Technology&Innovation

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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). 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.

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