

Material

85 NBR B247

black

cross linking: sulfur

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Physical properties

typical values

Density

DIN EN ISO 1183-1, 23 °C

1.24

g/cm³

Hardness

DIN ISO 7619-1, Shore A, 23 °C

85

Shore

Modulus

100 %, DIN 53504, S2, 23 °C

13.5

MPa

Tensile strength

DIN 53504, S2, 23 °C

21.9

MPa

Elongation at break

DIN 53504, S2, 23 °C

160

%

Tear strength

DIN ISO 34-1, B, 23 °C

17

KN/m

Compression set

DIN ISO 815, Slab B, 24 h, 70 °C, 25 %

10

%

Compression set

DIN ISO 815, Slab B, 70 h, 100 °C, 25 %

22

%

Low Temperature

DIN 53545, TR

-12

°C

Low Temperature resistance

DIN 53546, Brittleness

-30

°C

Low Temperature

ISO 11357-2, DSC

-20

°C

Declarations of conformity

No data found!

Freudenberg

Freudenberg FST GmbH

Technology&Innovation

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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) produced in the laboratory. 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 provisions do not plan for something else.

Freudenberg

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