

Technical data sheet in accordance with ASTM

Material

TPE HT2023

orange

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Physical properties

nominal range

typical values

Density

ASTM D297, 23 °C

1.20

g/cm³

Hardness

ASTM D2240, Shore D, 23 °C

55

Shore

Tensile strength

ASTM D412, C, 23 °C

35.8

MPa

Elongation at break

ASTM D412, C, 23 °C

450

%

Flexural modulus

ASTM D790

207

MPa

Compression set

ASTM D395, Slab B, 22 h, 70 °C

0.2

%

Temperature range

-76°C to 150°C

Declarations of conformity

No data found!

Freudenberg

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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). 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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