

Technical data sheet in accordance with ASTM

# Material

## TPE HT2023

orange

**revision index**

1

**revision date**

11/19/2021

**page**

1 / 2

### Physical properties

### nominal range

### typical values

**Density**

ASTM D297, 23 °C

---

1.20

g/cm<sup>3</sup>

**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

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: [MaterialCompliance@fst.com](mailto:MaterialCompliance@fst.com)

Technical data sheet in accordance with ASTM

## **Material**

### **TPE HT2023**

orange

**revision index**

1

**revision date**

11/19/2021

**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.

### **Freudenberg**

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: [MaterialCompliance@fst.com](mailto:MaterialCompliance@fst.com)