

# Material

## HGW HG650

red

synthetic fabric - modified phenolic resin, PTFE

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**Physical properties**

**typical values**

**Density**

IEC 1183-A

1.15

g/cm<sup>3</sup>

**Compressive Strength**

ISO 604, until break (perpendicular to layers), 23 °C

300

MPa

**compression modulus**

on Basis of ISO 178, 23 °C

2155

MPa

**Surface resistivity**

ICE 60167

5e+009

Ohm

**Dielectrical strength**

IEC 60243-1, (perpendicular to layers)

3

kV/mm

**Temperature range**

dynamic: -40°C to 120°C

short term: 140°C

**Declarations of conformity**

No data found!

**Freudenberg**

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Global Material Technology

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### No ASTM D2000 properties available

product type: ring

The given values are based on a limited number of tests on test pieces 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

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