

Material

HGW HG650

red

synthetic fabric - modified phenolic resin, PTFE

revision index

3

revision date

12/20/2018

page

1 / 2

Physical properties

typical values

Density

IEC 1183-A

1.15

g/cm³

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

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com

Material

HGW HG650

red

synthetic fabric - modified phenolic resin, PTFE

revision index

3

revision date

12/20/2018

page 2 / 2

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

Freudenberg FST GmbH
Technology&Innovation
Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com