

# Material PTFE G223

white

**revision index**

2

**revision date**

7/16/2020

**page**

1 / 2

## Physical properties

**typical  
values**

### Density

DIN EN ISO 1183-1, 23 °C

2.24

g/cm<sup>3</sup>

### Hardness

DIN ISO 7619-1, Shore D, 23 °C, nach 3 sek

60

Shore

### Tensile strength

on basis of DIN EN ISO 527, SPI, 23 °C, UR

20

MPa

### Elongation at break

on basis of DIN EN ISO 527, SPI, 23 °C

380

%

## Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
(EG) 10/2011	EU		food	see DoC
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
ADI Free			see certificate	see DoC
BPA/Phthalate free			BPA/Phthalate free	see DoC
CMR Category 1A/1B free			see certificate	see DoC
Conflict Mineral Free			see certificate	see DoC
FDA	USA	Seals	§ 177.1550	see DoC
GB 4806 / 9685	CN		GB 4806.7	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC
Nano-free			see certificate	see DoC
PFOA / PFOS free			see certificate	see DoC

## Freudenberg

Freudenberg FST GmbH  
Technology&Innovation  
Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com



## Material PTFE G223

white

revision index

2

revision date

7/16/2020

page 2 / 2

**No ASTM D2000 properties available**

**Specific characteristic and limitations for the use in food contact are set out in the corresponding declaration of conformities:**

**The compound is suitable for the contact with all kinds of foods according EU 10/2011 for long term applications at room temperature or below as well as high temperature applications (e.g. at 140 °C), provided that the surface to volume ratio is 1 dm<sup>2</sup> to at least 4.4 kg food.**

**The composition of the material is compliant with the "Japanese Food Sanitation Act".**

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

Freudenberg FST GmbH  
Technology&Innovation  
Material Compliance

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

