

Technical data sheet in accordance with ASTM

Material

75 Simriz 486

white

revision index

7

revision date

3/31/2022

page

1 / 2

Physical properties

typical values

Density

ASTM D297, 23 °C

2.09

g/cm³

Hardness

DIN ISO 7619-1, Shore A, 23 °C

75

Shore

Tensile strength

ASTM D412, C, 23 °C

18.5

MPa

Elongation at break

ASTM D412, C, 23 °C

195

%

Compression set

DIN ISO 815, Slab B, 70 h, 160 °C

25

%

Compression set

ASTM D395, Slab B, 70 h, 204 °C

25

%

Low Temperature

ISO 11357-2, DSC

-2

°C

Temperature range

-7°C to 230°C

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
ADI Free			see certificate	see DoC
FDA	USA	Seals	§ 177.2600	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

Freudenberg FST GmbH
Technology&Innovation
Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com



Technical data sheet in accordance with ASTM

Material

75 Simriz 486

white

revision index

7

revision date

3/31/2022

page

2 / 2

No ASTM D2000 properties available

All-purpose, with excellent chemical resistance

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. 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 provisons do not plan for something else.

Freudenberg

Freudenberg FST GmbH
Technology&Innovation
Material Compliance

Telefon: -
Fax: -
Email: MaterialCompliance@fst.com

