

# Material

## 85 FKM 248220

**revision index**  
3

**revision date**  
2/25/2022

**page** 1 / 2

### Physical properties

	nominal range	typical values	
<b>Density</b> DIN EN ISO 1183, 23 °C	2.05 ±0.03	2.05	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore A, 23 °C	85 ±5	86	Shore
<b>Modulus</b> 100 %, DIN 53504, S2, 23 °C	> 5.5	8.3	MPa
<b>Tensile strength</b> DIN 53504, S2, 23 °C	> 9	12.4	MPa
<b>Elongation at break</b> DIN 53504, S2, 23 °C	> 130	165	%
<b>Compression set</b> DIN ISO 815, Slab B, 22 h, 175 °C, 25 %	< 30	17	%
<b>Low Temperature</b> ISO 11357-2, DSC	---	-16	°C
<b>Temperature range</b>	-30°C to 200°C		

**Declarations of conformity**  
No data found!

### Freudenberg

Freudenberg FST GmbH  
Technology&Innovation  
Material Compliance  
Telefon: -  
Fax: -  
Email: MaterialCompliance@fst.com

## Material

### 85 FKM 248220

**revision index**

3

**revision date**

2/25/2022

**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&amp;Innovation

Material Compliance

Telefon: -

Fax: -

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