

Technical data sheet in accordance with ASTM

# Material

## 50 VMQ S50

red

**revision index**

1

**revision date**

9/24/2019

**page**

1 / 2

### Physical properties

	nominal range	typical values	
<b>Density</b> ASTM D297, 23 °C	1.14 - 1.2	1.18	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D2240, Shore A, 23 °C	50 ±5	52	Shore
<b>Tensile strength</b> ASTM D412	> 700	1115	Psi
<b>Elongation at break</b> ASTM D412	> 200	516	%
<b>Tear strength</b> ASTM D624, B	> 60	92	pound/inch
<b>Compression set</b> ASTM D395, Slab B, 22 h, 177 °C, 25 %	< 25	17.3	%

### Declarations of conformity

No data found!

### Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com

Technical data sheet in accordance with ASTM

## **Material**

### **50 VMQ S50**

red

**revision index**

1

**revision date**

9/24/2019

**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) 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 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)