

# Material

## VMQ SI604101

red

cross linking: peroxidic

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### Physical properties

	nominal range	typical values	
<b>Density</b> DIN 53479	1.20 ±0.02	1.20	g/cm <sup>3</sup>
<b>Hardness</b> DIN 53505, Shore A	60 ±5	60	Shore
<b>Tensile strength</b> DIN 53504	---	>= 8	MPa
<b>Elongation at break</b> DIN 53504	---	>= 300	%
<b>Tear strength</b> ASTM D624, B	---	>= 15	KN/m
<b>Compression set</b> DIN 53517, 22 h, 175 °C, 25 %	---	<= 40	%

### Temperature range

-60°C to 200°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
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
BfR XV	DE		BfR XV	see DoC
FDA	USA	Seals	§ 177.2600	see DoC
FDA Referenzprüfung 21 CFR 177.2600	USA		21 CFR 177.2600	see DoC
FDA Referenzprüfung 21 CFR 177.2600_EN	USA		21 CFR 177.2600	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC
LFGB	EU		XV. recommendation	see DoC
LFGB_EN	EU		XV. recommendation	see DoC

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**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**

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