

# Material

## 80 FKM FP802701

**Revision Index**  
02

**Revision Date**  
03.07.2017

### General Data

Colour: black  
 Type of cross-linking: Bisphenol cure system

Declaration of Compliance for - DVGW Gas is available upon request for selected articles. Please contact your known sales contact or send an email to [info@fst.com](mailto:info@fst.com).

### Physical Properties

	Nominal Range	Typical Value	
<b>Density</b> ASTM D297	1.91 ±0.03	1.91	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D 2240, Shore A	80 ±5	80	Shore
<b>Tensile strength</b> ASTM D412		14.3	MPa
<b>Elongation at break</b> ASTM D412		175	%
<b>Tear strength</b> ASTM D 624, B		31	KN/m
<b>Low temperature resistance</b> ASTM D 746		-17	°C
<b>Low temperature</b> ASTM D1329, TR10		-17	°C
<b>Compression set</b> ASTM D395, B, 70 h, 200 °C, 25 %		20	%

### Temperature Range

static: -20 to 200 °C

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.

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