

Technical data sheet in accordance with ASTM

# Material

## FKM FP751601

black

cross linking: bisphenolically

revision index	revision date			page
1	11/7/2017			1 / 2
<b>Physical properties</b>		<b>nominal range</b>	<b>typical values</b>	
<b>Density</b> ASTM D 792, 23 °C		1.89 ±0.03	1.89	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D 2240, Shore A, 23 °C		75 ±5	75	Shore
<b>Tensile strength</b> ASTM D 412, 23 °C		---	12.5	MPa
<b>Elongation at break</b> ASTM D 412, 23 °C		---	185	%
<b>Tear strength</b> ASTM D 624 B, 23 °C		---	32	KN/m
<b>Low temperature test</b> ASTM D 1329, TR10		---	-15	°C
<b>Compression set</b> ASTM D 395 B, 22 h, 200 °C, 25 %		---	12	%
<b>Ozone Resistance</b> ASTM D 1149, 40 °C, 72 h, 50 pphm, 20% elong.		---	0	Rating

### 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
Info ROHS and ELV		EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

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1

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11/7/2017

**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**

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