

Technical data sheet in accordance with ASTM

# Material

## 90 AU U903BBK

black

cross linking: peroxidic

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### Physical properties

	<b>nominal range</b>	<b>typical values</b>	
<b>Hardness</b> DIN ISO 48-4, Shore A, 23 °C	---	93	Shore
<b>Specific Gravity</b> ASTM D792	---	1.19	g/cc
<b>Abrasion</b>	---	32	mm <sup>3</sup>
<b>Modulus</b> 50 %	---	8.4	MPa
<b>Modulus</b> 100 %	---	10	MPa
<b>Modulus</b> 300 %	---	24.1	MPa
<b>Tensile strength</b>	---	41.4	MPa
<b>Elongation at break</b> DIN 53504, S2, 23 °C	---	520	%
<b>Tear Resistance</b>	---	98	MPa
<b>Softening Point</b>	---	130	°C
<b>Compression set</b> 24 h, 23 °C	---	17	%
<b>Compression set</b> 72 h, 70 °C	---	31	%
<b>Compression set</b> 24 h, 100 °C	---	72	%

### Declarations of conformity

No data found!

### Freudenberg

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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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