

Technical data sheet in accordance with ASTM

**Material**  
**75 Simriz 486**

white

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<b>Physical properties</b>	<b>typical values</b>	
<b>Density</b> ASTM D297, 23 °C	2.09	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore A, 23 °C	75	Shore
<b>Tensile strength</b> ASTM D412, C, 23 °C	18.5	MPa
<b>Elongation at break</b> ASTM D412, C, 23 °C	195	%
<b>Compression set</b> DIN ISO 815, Slab B, 70 h, 160 °C	25	%
<b>Compression set</b> ASTM D395, Slab B, 70 h, 204 °C	25	%
<b>Low Temperature</b> ISO 11357-2, DSC	-2	°C
<b>Temperature range</b>	-7°C to 230°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.

	<b>Country</b>	<b>Part</b>	<b>Remark</b>	<b>Expires</b>
ADI Free			see certificate	see DoC
FDA	USA	Seals	§ 177.2600	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

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#### No ASTM D2000 properties available

All-purpose, with excellent chemical resistance

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 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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