

## Material 75 HNBR 181070

black

cross linking: peroxidic

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<b>Physical properties</b>	<b>nominal range</b>	<b>typical values</b>	
<b>Density</b> DIN EN ISO 1183-1	1.19 ±0.02	1.19	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1	75 ±5	75	Shore
<b>Micro hardness</b> DIN ISO 48 Verfahren M	75 +5/-8	76	IRHD
<b>Modulus</b> 100 %, DIN 53504, S2	---	3.4	MPa
<b>Tensile strength</b> DIN 53504, S2	> 15	23.5	MPa
<b>Elongation at break</b> DIN 53504, S2	> 280	375	%
<b>Compression set</b> DIN ISO 815, 22 h, 150 °C	< 35	27	%
<b>Low Temperature</b> ISO 11357-2, DSC	---	-25	°C
<b>Temperature range</b>	-25°C to 140°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 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.

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### Declarations of conformity

	Country	Part	Remark	Expires	unlimited
ADI Free			see certificate		<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

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