

# Material

## 72 NBR 872

black  
cross linking: sulfur

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Physical properties	required	actual	
<b>Density</b> DIN EN ISO 1183	1.21 ±0.02	1.21	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1	72 ±5	72	Shore
<b>Micro hardness</b> DIN ISO 48 Verfahren M	72 ±5	70	IRHD
<b>Rebound resilience</b> DIN 53512	> 25	34	%
<b>Modulus</b> 100 %, DIN 53504, S2	> 4	6.5	MPa
<b>Tensile strength</b> DIN 53504, S2	> 14	16.5	MPa
<b>Elongation at break</b> DIN 53504, S2	> 250	295	%
<b>Compression set</b> DIN ISO 815, I, 24 h, 100 °C, 25 %	< 25	18	%
<b>Low Temperature</b> DIN 53765, DSC	---	-34	°C
<b>Torsions pendulum test</b> DIN 53445	---	-25	°C

Certificates	Country	Part	Remark	Expires	unlimited
BAM	D	Seals	60 °C	07 / 2014	<input type="checkbox"/>
DVGW	D	Seals	DIN EN 549 H3 B1	05 / 2016	<input type="checkbox"/>
DVGW engl.	D	Seals	DIN EN 549 H3 B1	05 / 2016	<input type="checkbox"/>



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**The material doesn't contain halogenated components.**

**Compliant with the EU-directives 2011/65/EC (RoHS) and 2002/95/EC (RoHS).**

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.