

## Technical data sheet

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## Tube LEZ-SIL TPR

Pos.	Parameter	Value
	Elastomer base	Silicone with glass fibre insert
	Geometry	Tube
	Hardness	60 +/-5 Shore A
	Hardness standard	DIN 53505
	Hardness	70 +/-5 Shore A
	Hardness standard	DIN 53505
	Temperature resistance	-60°C to +200°C
	Colour	translucent
	Density outside	1,13 +/-0,02 g/cm <sup>3</sup>
	Density outside standard	DIN 53749 A
	Density inside	1,18 +/-0,02 g/cm <sup>3</sup>
	Density inside standard	DIN 53749 A
	Compression set outside	35 % bei 175°C, 22 h
	Compression set outside standard	ISO 815 B
	Compression set inside	48 % bei 175°C, 22 h
	Compression set inside standard	ISO 815 B
	Elongation at break outside	550 %
	Elongation at break outside standard	DIN 53504 S1
	Elongation at break inside	430 %
	Elongation at break inside standard	DIN 53504 S1
	Tear resistance outside	9,8 N/mm <sup>2</sup>
	Tear resistance outside standard	DIN 53504 S1
	Tear resistance inside	11 N/mm <sup>2</sup>
	Tear resistance inside standard	DIN 53504 S1
	Cross-linking	platin
	Tear propagation resistance outside	21 N/mm
	Tear propagation resistance outside standard	ASTM D624 B
	Tear propagation resistance inside	24 N/mm
	Tear propagation resistance inside standard	ASTM D624 B

The burst pressure is a statistical, non-binding value that was determined at 20°C and with water as the pressure carrier medium. Higher temperatures and the use of other types of media can reduce the pressure resistance.

Pos.	Parameter	Value
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Pos.	Conformities
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	FDA 21 CFR §177.2600;USP Class VI;BfR XV
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Pos\* A= Outside; IN= Inside, S1= Page1,;S2= Page2

The values of this specification originate from the ongoing tests of the mixture of miel's standard test specimens and represent mean values. They correspond to the current state of knowledge and experience. They are not intended to guarantee the properties of end products. The information in this data sheet is a description of typical properties. They are only intended to provide the user with an orientation aid and some suggestions for his application. It is the user's responsibility to check the suitability of our product for his own purposes in a specific application.

We strive to continuously improve our products and reserve the right to modify and adapt the data sheet and our mixtures with regard to the material properties. These will be documented with a new modification status (date).