

Technical data sheet

Plugs LEZ-SIL line D

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Pos.	Parameter	Value
	Elastomer base	Silicone
	Geometry	Stopper
	Density	1,14 +/-0,2 g/cm ³
	Density standard	DIN 53479
	Hardness	50 +/-5 Shore A
	Hardness standard	DIN 53505
	Temperature resistance	-60°C to +200°C
	Colour	translucent
	Elongation at break	500 %
	Elongation at break standard	DIN 53504
	Dielectric constant	2,9 bei 50Hz
	Dielectric constant standard	DIN 53483
	Dielectric dissipation factor	30x 10E-4 bei 50Hz
	Dielectric dissipation factor standard	DIN 53483
	Compression set	45% at 70°C, 22 h
	Compression set standard	DIN 53517
	Dielectric strength	20 kV/mm
	Dielectric strength standard	DIN 53481
	impact elasticity	>50 %
	impact elasticity standard	DIN 53512
	Tear propagation resistance	-18 N/mm
	Tear propagation resistance standard	DIN 53507
	Tensile strength	8,5 MPa
	Tensile strength standard	DIN 53504

Pos. Conformities

FDA 21 CFR §177.2600;BfR XV

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).