

## Technical data sheet

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## Sheets LEZ-BUFLON

Pos.	Parameter	Value
	Elastomer base	Butyl IIR/PTFE
	Geometry	Sheet
	Density	Butyl: 1,31 g/cm <sup>3</sup> , PTFE: 2,19 g/cm <sup>3</sup>
	Density standard	DIN 53479
	Hardness	Butyl: 50 +/-5 Shore A, PTFE: 55 +/-5 Shore D
	Hardness standard	DIN 53505
	Temperature resistance	-40°C to +140°C
	Colour	Butyl: red-brown, PTFE: grey
	Elongation at break	Butyl: 500 %
	Elongation at break standard	DIN 53504
	Compression set	30% at 70°C, 22 h
	Compression set standard	DIN 53517
	Elongation at break	> 250 %
	Elongation at break standard	DIN 53504
	Tear resistance	PTFE: >25 N/mm <sup>2</sup>
	Tear resistance standard	DIN 53504
	impact elasticity	Butyl: 18 %
	impact elasticity standard	DIN 53512
	Tensile strength	Butyl: 4 N/mm <sup>2</sup>
	Tensile strength standard	DIN 53504

### Pos. Conformities

BfR XXI (Butyl);EAB/DAB 2014, 8. Auflage 3.2.9. Typ 2 (Butyl);REACH-Verordnung 1907/2006 (Butyl)

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).