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Technical data sheet Status: 19.06.2023

sheets, foils

LEZ-SILFLON T

Pos	Parameter	Value	Unit	Norm
	Elastomer base	Silicone, PTFE		
	Geometry	sheet		

S1	Silicone			
S1	Density	1,1 +/-0,3	g/cm ³	DIN ISO 1183-1A
S1	Hardness	40 +/-5	Shore A	DIN ISO 48-4
S1	Tensile strength	>= 9	Mpa	DIN 53504-S2
S1	Elongation at break	>= 650	%	DIN 53504-S2
S1	Temperature	-60 to +220	°C	
S1	Tear propagation resistance	>= 32	N/mm	ASTM D 624 B
S1	Color	pure white		

S2	PTFE			
S2	Density	2,19	g/cm ³	ISO 1183-1
S2	Hardness	> 54	Shore D	ISO 868
S2	Tensile strength	>= 25	N/mm ²	ISO 527
S2	Elongation at break	>= 280	%	ISO 527
S2	Color	red		

Pos*	Compliant	Addition
S1	FDA 21 CFR §177 2600	Silikon
S1	BfR XV	Silikon
S1	USP Class VI	Silikon
S2	FDA 21 CFR §177 1550	PTFE
S2	BfR LI 2 1 1 1	PTFE
S2	2002/72/EG	PTFE, mit folgender Beschränkung TFE/SML-0,05 mg/kg
S2	EU 10/2011	PTFE, mit folgender Beschränkung TFE/SML-0,05 mg/kg
S2	USP Class VI	PTFE

Pos* A= Outside; IN= Inside, S1= Side1; S2= Side2

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The values of these specifications come from regular controls of the compounds with the aid of norm samples and perform an average. They correspond to the actual state of the knowledge, the latest development of the sciences and our experience. They do not specify sure properties for the final products. The indications in this data sheet are only a description of the typical properties and represent an aid and information for the user to give him some suggestions for his own application. But it remains in his responsibility to make sure with a specific trial that our product suits for his own purpose.

We strive to continuously improve our products. We reserve the right to modify and adjust the data sheet and our blends referring to the material properties. These will be documented with a new change status (date).