



Silopren* LSR4020 TP 3364

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Description

Silopren LSR 4020 TP 3364 is a two-component liquid silicone rubber for injection moulding processes. Silopren LSR 4020 TP 3364 can be used to produce medical technical articles with high transparency and excellent rubber elastic properties.

Key Features and Benefits

Vulcanizates consisting of Silopren LSR 4020 TP 3364 are distinguished by the following properties:

- excellent biocompatibility
- high stability to ozone and ultraviolet light
- neutral odour and taste
- sterilisable with ethylene oxide, steam and gamma radiation
- good transparency
- high thermal stability
- high recovery after puncture
- easy pigmentable with the LSR Colour Pastes.

Typical Physical Properties

		A-part	B-part
Appearance		translucent	translucent
Viscosity in Pa.s gamma = 10 s ⁻¹ at 20 °C	DIN 53018	200	200
The pot-life of the mixture of the two components (closed vessel) at 20 °C is three days. Increased temperatures reduce the pot-life.			

Typical properties of the vulcanisate: Mixing ratio of components A : B = 1 : 1. Vulcanisation: 10 min. 175 °C + 4 hrs. 200 °C post cure			
Density	DIN 53 479 A	g/cm ³	1.08
Shore A hardness	DIN 53 505		22
Tensile strength	DIN 53 504 S2	N/mm ²	6.5

Elongation at break	DIN 53 504 S2	%	1000
Tear strength	ASTM D 624 die B	N/mm	15
Compression set (22 h at 175 ° C)	DIN 53 517	%	20

Potential Applications

Because of the outstanding properties Silopren LSR 4020 TP 3364 is particularly suitable for the following elastomeric articles: sealing elements, catheters, vibration dampers, tube connectors, parts for medical technical equipment, mats

Patent Status

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Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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Contact Information

For product prices, availability, or order placement, contact our customer service by visiting www.momentive.com/Contacts

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