Silopren® LSR 3485/35

Silicone Rubber, LSR

Momentive Performance Materials Inc.

Message:

Silopren LSR 3485/38 is a two-component liquid silicone rubber for injection molding processes. This material is an excellent candidate to consider for the manufacture of elastomeric articles requiring self-lubricating properties. The self-lubricating effect is achieved by a fluid which exudes out of the vulcanizate over an extended period of time. It typically starts between a few hours and one day after vulcanization. Key Features and Benefits Vulcanizates consisting of Silopren LSR 3485/35 liquid silicone rubber are typically distinguished by the following properties: self-lubricating properties low viscosity fast cure high thermal stability outstanding resistance to aging easy to color **Potential Applications** Because of the outstanding properties, Silopren LSR 3485/35 liquid silicone rubber is an excellent candidate to consider for use in wire harness applications for the following elastomeric articles: cable seals mat seals grommets gaskets plug seals

Features Fast Cure Fast Molding Cycle Good Colorability Good Colorability Good Mold Release Good Thermal Stability Low Viscosity Low Viscosity Self Uses Gaskets Grommets Seals Forms Liquid Processing Method Injection Molding Physical Nominal Value Unit Density 1.11 g/cm ³ I and nesss Nominal Value Unit Durometer Hardness (Shore A) 33 Unit Elastomers Nominal Value Unit Tensile Strength 1.0.0 MPa Tensile Elongation (Break) 730 %	General Information					
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	Tensile Elongation (Break)	730	%	DIN 53504		

ThermosetNominal ValueUnitTest MethodThermoset ComponentsPart AMix Ratio by Weight 1.0Part BMix Ratio by Weight 1.0Shelf Life (< 27°C)	Tear Strength ¹	26.0	kN/m	ASTM D624
Intermoset Components Part A Mix Ratio by Weight 1.0 Part B Mix Ratio by Weight 1.0 Shelf Life < 27*C)	Compression Set (175°C, 22 hr)	25	%	ISO 815
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6. Part A	4.	Part B		
	5.	Part A		
7. Part B	6.	Part A		
	7.	Part B		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519 Phone: +86 13424755533 Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

