

ELASTOSIL® LR 3043/50 A/B

Silicone
Wacker Chemie AG

Message:

Silicone Rubber, LSR
Molded Parts, Technical, Plastics and Rubber Processing
Molded Parts, Automotive, Plastics and Rubber Processing
Molded Parts, Food Contact, Plastics and Rubber Processing
Vibration Dampers, Automotive & Transportation

General Information			
Features	Food Contact Acceptable		
	Good Tear Strength		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Gaskets		
	Membranes		
	Pacifiers		
	Seals		
	Valves/Valve Parts		
Processing Method	Injection Molding		
	Liquid Injection Molding (LIM)		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.13	g/cm ³	ISO 1183
Viscosity	430	Pa · s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		DIN 53505
Tensile Strength	9.10	MPa	DIN 53504
Tensile Elongation at Break	460	%	DIN 53504
Compression Set	25	%	DIN ISO 815-B
Tear Strength			
--	10.0	kN/m	ISO 34
--	43.0	kN/m	ASTM D624B
Rebound Resilience	60	%	DIN 53512
Electric Strength	23	kV/mm	DIN IEC 243
Volume Resistivity	5.0E+15	ohms · cm	DIN IEC 93
Dissipation Factor (50 Hz)	2.0E-4		DIN VDE 0303

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