

ELASTOSIL® LR 3003/50 A/B

Silicone
Wacker Chemie AG

Message:

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

General Information			
Features	Food Contact Acceptable		
	General Purpose		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Gaskets		
	Membranes		
	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	370	Pa · s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		DIN 53505
Tensile Strength	9.90	MPa	DIN 53504
Tensile Elongation at Break	480	%	DIN 53504
Compression Set	13	%	DIN ISO 815-B
Tear Strength	29.0	kN/m	ASTM D624B
Rebound Resilience	62	%	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-3		DIN VDE 0303

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