

# ELASTOSIL® LR 3005/50 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 Seals, Plastics and Rubber Processing  
Vibration Dampers, Automotive & Transportation

General Information			
Features	Fast Cure		
	General Purpose		
	Low Compression Set		
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 <sup>3</sup>	ISO 1183
Viscosity	850	Pa · s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		DIN 53505
Tensile Strength	9.40	MPa	DIN 53504
Tensile Elongation at Break	520	%	DIN 53504
Compression Set	14	%	DIN 53517
Tear Strength	24.0	kN/m	ASTM D624B
Rebound Resilience	60	%	DIN 53512
Electric Strength	26	kV/mm	DIN IEC 243
Volume Resistivity	3.0E+16	ohms · cm	DIN IEC 93
Dissipation Factor (50 Hz)	1.1E-3		DIN VDE 0303

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