

# ELASTOSIL® LR 3003/80 A/B

Silicone  
Wacker Chemie AG

Message:

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

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	1.16	g/cm <sup>3</sup>	ISO 1183
Viscosity	710	Pa · s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	76		DIN 53505
Tensile Strength	8.00	MPa	DIN 53504
Tensile Elongation at Break	210	%	DIN 53504
Compression Set	13	%	DIN ISO 815-B
Tear Strength	18.0	kN/m	ASTM D624B
Rebound Resilience	69	%	DIN 53512
Electric Strength	23	kV/mm	DIN IEC 243
Dissipation Factor (50 Hz)	2.0E-4		DIN VDE 0303

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