

ELASTOSIL® R 420/40

Silicone
Wacker Chemie AG

Message:

Silicone Rubber, HTV
Exhaust-Pipe Suspensions, Automotive & Transportation
Vibration Dampers, Automotive & Transportation
Membranes, Automotive & Transportation
Extrudates, Technical, Plastics and Rubber Processing
Extruded parts; tap water and wastewater contact, Plastics and Rubber Processing
Extrudates, food contact, Plastics and Rubber Processing
Molded Parts, Technical, Plastics and Rubber Processing
Molded parts; tap water and wastewater contact, Plastics and Rubber Processing
Molded Parts, Food Contact, Plastics and Rubber Processing
Molded Parts, Automotive, Plastics and Rubber Processing

General Information			
Features	Food Contact Acceptable		
	Good Abrasion Resistance		
	Good Tear Strength		
Uses	Automotive Applications		
	Compounding		
	Gaskets		
	Membranes		
	Potable Water Applications		
	Profiles		
	Seals		
	Valves/Valve Parts		
Processing Method	Compression Molding		
	Extrusion		
	Press Molding		
	Profile Extrusion		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.12	g/cm ³	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	40		DIN 53505
Tensile Strength	9.00	MPa	DIN 53504
Tensile Elongation at Break	630	%	DIN 53504
Compression Set	34	%	DIN ISO 815-B

Tear Strength	43.0	kN/m	ASTM D624B
Rebound Resilience	50	%	DIN 53512

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