

ELASTOSIL® R 420/60

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV
Exhaust-Pipe Suspensions, Automotive & Transportation
Vibration Dampers, Automotive & Transportation
Extrudates, Technical, Plastics and Rubber Processing
Extrudates, food contact, Plastics and Rubber Processing
Extruded parts; tap water and wastewater 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
Cable, general purpose, Plastics and Rubber Processing
Cable, general purpose, Energy & Electrical Engineering
Membranes, Automotive & Transportation

General Information			
Features	Food Contact Acceptable		
	Good Abrasion Resistance		
	Good Tear Strength		
Uses	Automotive Applications		
	Compounding		
	Gaskets		
	Potable Water Applications		
	Profiles		
	Seals		
	Valves/Valve Parts		
	Wire & Cable Applications		
Processing Method	Calendering		
	Compression Molding		
	Extrusion		
	Press Molding		
	Profile Extrusion		
	Wire & Cable Extrusion		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.17	g/cm ³	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	59		DIN 53505

Tensile Strength	10.0	MPa	DIN 53504
Tensile Elongation at Break	580	%	DIN 53504
Compression Set	39	%	DIN ISO 815-B
Tear Strength	42.0	kN/m	ASTM D624B
Rebound Resilience	45	%	DIN 53512

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