

# 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 <sup>3</sup>	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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