

ELASTOSIL® R 401/70

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV
Hoses, Automotive, Automotive & Transportation
Spark Plugs Boots, Automotive & Transportation
Ignition and Battery Cables, Cable Industry
Exhaust-Pipe Suspensions, Automotive & Transportation
Molded Seals, Plastics and Rubber Processing
Membranes, Automotive & Transportation
Extrudates, Automotive, Automotive & Transportation
Extrudates, food contact, Plastics and Rubber Processing
Extrudates, Technical, Plastics and Rubber Processing
Extruded parts; tap water and wastewater contact, Plastics and Rubber Processing
Molded Parts, Automotive, Plastics and Rubber Processing
Molded Parts, Food Contact, Plastics and Rubber Processing
Molded Parts, Technical, Plastics and Rubber Processing
Molded parts; tap water and wastewater contact, Plastics and Rubber Processing
Sealant Profiles, Construction

General Information			
UL YellowCard	E75704-101818639		
Features	Food Contact Acceptable		
	General Purpose		
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	1.18	g/cm ³	ISO 1183

Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70		DIN 53505
Tensile Strength	11.0	MPa	DIN 53504
Tensile Elongation at Break	440	%	DIN 53504
Compression Set	40	%	DIN ISO 815-B
Tear Strength	26.0	kN/m	ASTM D624B
Rebound Resilience	51	%	DIN 53512

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