ELASTOSIL® R 401/80

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV
Extrudates, Technical, Plastics and Rubber Processing
Extruded parts; tap water and wastewater contact, Plastics and Rubber Processing
Extrudates, food contact, Plastics and Rubber Processing
Extrudates, Automotive, 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

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	Compression Molding
	Extrusion
	Press Molding
	Profile Extrusion
	Wire & Cable Extrusion

Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.20	g/cm³	ISO 1183

Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	80		DIN 53505
Tensile Strength	10.0	MPa	DIN 53504
Tensile Elongation at Break	420	%	DIN 53504

Compression Set	57	%	DIN ISO 815-B
Tear Strength	26.0	kN/m	ASTM D624B
Rebound Resilience	51	%	DIN 53512

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