

ELASTOSIL® R 490/55

Silicone
Wacker Chemie AG

Message:

Silicone Rubber, HTV
Molded Seals, Plastics and Rubber Processing
Membranes, Automotive & Transportation
Membranes, Plastics and Rubber Processing
Extrudates, Technical, Plastics and Rubber Processing
Extrudates, food contact, Plastics and Rubber Processing
Molded Parts, Technical, Plastics and Rubber Processing
Molded Parts, Food Contact, Plastics and Rubber Processing
Molded Parts, Automotive, Plastics and Rubber Processing
Cable, xray resistant, Plastics and Rubber Processing

General Information	
Features	Low Temperature Flexibility
Uses	Automotive Applications
	Gaskets
	Low Temperature 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	1.17	g/cm ³	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		DIN 53505
Tensile Strength	11.0	MPa	DIN 53504
Tensile Elongation at Break	500	%	DIN 53504
Compression Set	39	%	DIN ISO 815-B
Tear Strength	33.0	kN/m	ASTM D624B
Rebound Resilience	49	%	DIN 53512

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