

ELASTOSIL® R 501/65

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV

Extrudates, Technical, Plastics and Rubber Processing

Cable, general purpose, Plastics and Rubber Processing

Cable, general purpose, Energy & Electrical Engineering

General Information	
Features	High Heat Resistance
Uses	Compounding
	High Temperature Applications
	Wire & Cable Applications
Processing Method	Extrusion
	Profile Extrusion
	Wire & Cable Extrusion

Uncured Properties	Nominal Value	Unit	Test Method
Color	Translucent		
Density	1.20	g/cm ³	DIN 53479
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	62		DIN 53505
Tensile Strength	8.00	MPa	DIN 53504
Tensile Elongation at Break	460	%	DIN 53504
Tear Strength	19.0	kN/m	ASTM D624B
Electric Strength	24	kV/mm	DIN IEC 243
Volume Resistivity	1.0E+14	ohms · cm	DIN IEC 93
Dissipation Factor (50 Hz)	3.0E-4		DIN VDE 0303

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