

ELASTOSIL® R 510/70

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV

Instrumentation & Control Cables, Cable Industry

Extrudates, Technical, Plastics and Rubber Processing

General Information	
Features	General Purpose
Uses	Compounding
	Wire & Cable Applications
Processing Method	Extrusion
	Profile Extrusion
	Wire & Cable Extrusion

Uncured Properties	Nominal Value	Unit	Test Method
Color	Translucent		
Density	1.21	g/cm ³	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	69		DIN 53505
Tensile Strength	7.19	MPa	DIN 53504
Tensile Elongation at Break	340	%	DIN 53504
Tear Strength	21.0	kN/m	ASTM D624B
Volume Resistivity	1.0E+15	ohms · cm	DIN IEC 93
Dissipation Factor (50 Hz)	2.0E-4		DIN VDE 0303

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