

POWERSIL® 552

Silicone
Wacker Chemie AG

Message:

Silicone Rubber, RTV-1
Insulating Materials, Electrical-Insulation Industry
Insulators & Arresters, Energy & Electrical Engineering
Insulators & Arresters, Electrical Industry

General Information			
Features	Electrically Insulating		
Uses	Extra High Voltage Insulation		
	High Voltage Insulation		
	Insulation		
	Low Voltage Insulation		
	Medium Voltage Insulation		
Processing Method	Coating		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Grey, Light		
Density			
--	1.11	g/cm³	ISO 2811
--	1.41	g/cm³	ISO 2781
Viscosity	1.0	Pa · s	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	68		ISO 868
Tensile Strength	3.00	MPa	ISO 37
Tensile Elongation at Break	250	%	ISO 37
Tear Strength	9.00	kN/m	ASTM D624B
Arc Resistance	420	sec	IEC 61621
Electric Strength	> 28	kV/mm	IEC 60243
Relative Permittivity	2.90		IEC 60250
Volume Resistivity	> 5.0E+15	ohms · cm	IEC 60093
Dissipation Factor (50 Hz)	1.0E-3		IEC 60250
Tracking Resistance	1A 4.5		IEC 60587

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