

POWERSIL® INSULATOR FINISH

Silicone
Wacker Chemie AG

Message:
Silicone Rubber, RTV-1

General Information			
Uses	Extra High Voltage Insulation		
	High Voltage Insulation		
	Insulation		
	Low Voltage Insulation		
	Medium Voltage Insulation		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Grey, Light		
Density	1.09	g/cm³	ISO 2781
Viscosity	800	Pa · s	
Curing Time	12	hr	
Skin Forming Time ¹ (23°C)	10.0 to 30.0	min	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	20		ISO 868
Tensile Strength	1.40	MPa	ISO 37
Tensile Elongation at Break	500	%	ISO 37
Tear Strength	5.00	kN/m	ASTM D624B
Electric Strength	20	kV/mm	IEC 60243
Relative Permittivity	3.00		IEC 60250
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Tracking Resistance	1A 3.5		IEC 60587
NOTE			
1.	50% R.H		

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