

# POWERSIL® 415

Silicone

Wacker Chemie AG

## Message:

Silicone Rubber, HTV

Cable Accessories, Electrical Industry

Cable Accessories, Energy & Electrical Engineering

General Information			
Uses	Extra High Voltage Insulation		
	High Voltage Insulation		
	Insulation		
	Low Voltage Insulation		
	Medium Voltage Insulation		
Processing Method	Injection Molding		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Black		
Density	1.32	g/cm <sup>3</sup>	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	41		ISO 868
Tensile Strength	3.00	MPa	ISO 37
Tensile Elongation at Break	470	%	ISO 37
Tear Strength	25.0	kN/m	ASTM D624B
Relative Permittivity	15.0		IEC 60250
Volume Resistivity	> 1.0E+12	ohms·cm	IEC 60093
Dissipation Factor (50 Hz)	< 0.15		IEC 60250

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