

POWERSIL® 310

Silicone
Wacker Chemie AG

Message:
Silicone Rubber, HTV
Insulators & Arresters, Energy & Electrical Engineering
Insulators & Arresters, Electrical Industry

General Information			
Features	Electrically Insulating		
	Tracking Resistant		
Uses	Extra High Voltage Insulation		
	High Voltage Insulation		
	Insulation		
	Low Voltage Insulation		
	Medium Voltage Insulation		
	Track Resistant Insulation		
Processing Method	Injection Molding		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Grey, Light		
Density	1.55	g/cm ³	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	65 to 75		ISO 868
Tensile Strength	> 4.00	MPa	ISO 37
Tensile Elongation at Break	> 200	%	ISO 37
Tear Strength	> 11.0	kN/m	ASTM D624B
Arc Resistance	> 300	sec	IEC 61621
Electric Strength	23	kV/mm	IEC 60243
Relative Permittivity	3.70		IEC 60250
Volume Resistivity	1.0E+14	ohms · cm	IEC 60093
Dissipation Factor (50 Hz)	0.020		IEC 60250
Tracking Resistance	1A 4.5		IEC 60587

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

