

POWERSIL® XLR® 640 A/B

Silicone
Wacker Chemie AG

Message:

Silicone Rubber, LSR
Insulators & Arresters, Electrical Industry
Insulators & Arresters, Energy & Electrical Engineering

General Information			
Features	Electrically Insulating		
	Tracking Resistant		
Uses	Extra High Voltage Insulation		
	High Voltage Insulation		
	Insulation		
	Low Voltage Insulation		
	Medium Voltage Insulation		
Flammability	Nominal Value		Test Method
Flammability	FV 0		IEC 60707
Uncured Properties	Nominal Value	Unit	Test Method
Color	Grey, Light		
Density	1.15	g/cm ³	ISO 1183
Pot Life	> 2900	min	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	40		ISO 868
Tensile Strength	7.00	MPa	ISO 37
Tensile Elongation at Break	400	%	ISO 37
Tear Strength	20.0	kN/m	ASTM D624B
Arc Resistance	> 300	sec	IEC 61621
Electric Strength	23	kV/mm	IEC 60243
Relative Permittivity	2.90		IEC 60250
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Dissipation Factor (50 Hz)	5.0E-4		IEC 60250
Tracking Resistance	1A 4.5		IEC 60587

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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

