

# POWERSIL® XLR® 630 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                        | Bushings                      |                   |             |
|                             | 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                     | 1.14                          | g/cm <sup>3</sup> | ISO 1183    |
| Viscosity                   | 12                            | Pa · s            | ISO 3219    |
| Pot Life                    | 2900                          | min               |             |
| Cured Properties            | Nominal Value                 | Unit              | Test Method |
| Shore Hardness (Shore A)    | 36                            |                   | ISO 868     |
| Tensile Strength            | 7.00                          | MPa               | ISO 37      |
| Tensile Elongation at Break | 450                           | %                 | ISO 37      |
| Tear Strength               | 25.0                          | 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)  | 2.0E-4                        |                   | IEC 60250   |
| Tracking Resistance         | 1A 4.5                        |                   | IEC 60587   |

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