

# ELASTOSIL® RT 646 A/B

Silicone

Wacker Chemie AG

## Message:

Silicone Rubber, RTV-2

all-round potting compounds, Lighting

all-round potting compounds, Electrical Industry

all-round potting compounds, Automotive & Transportation

Potting Compound, Electronics

Potting Compound, Automotive & Transportation

| General Information         |                                    |                   |             |
|-----------------------------|------------------------------------|-------------------|-------------|
| Uses                        | Electrical/Electronic Applications |                   |             |
| Processing Method           | Encapsulating                      |                   |             |
|                             | Potting                            |                   |             |
| Uncured Properties          | Nominal Value                      | Unit              | Test Method |
| Color                       | Beige                              |                   |             |
| Density                     | 1.28                               | g/cm <sup>3</sup> | ISO 2781    |
| Viscosity                   | 70                                 | Pa · s            | ISO 3219    |
| Pot Life                    | 80                                 | min               |             |
| Cured Properties            | Nominal Value                      | Unit              | Test Method |
| Shore Hardness (Shore A)    | 53                                 |                   | ISO 868     |
| Tensile Strength            | 5.00                               | MPa               | ISO 37      |
| Tensile Elongation at Break | 280                                | %                 | ISO 37      |
| Tear Strength               | 12.0                               | kN/m              | ASTM D624B  |
| Linear Shrinkage            | < 0.10                             | %                 |             |

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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



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