

# SILRES<sup>®</sup> REN 168



## Silicone Resins

SILRES<sup>®</sup> REN 168 is a solid, silanol functional methylphenyl silicone resin recommended for the silicone modification of organic resins e.g. silicone polyester.

## Properties

Used to improve the weather and heat resistance of paints.

Is FDA 21 CFR 175.300 and BfR XV compliant.

Used as chemically bound intermediates in organic polymers.

> 99% solid resin

## Technical data

### General Characteristics

| Property         | Condition | Value                   | Method |
|------------------|-----------|-------------------------|--------|
| Color            | -         | colourless to yellowish | -      |
| Hydroxyl content | -         | 3.5 - 7.5 %             | -      |
| Silicone content | -         | > 98 %                  | -      |
| Softening point  | -         | 55 - 80 °C              | -      |
| Supply form      | -         | Flakes                  | -      |

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Heat-Resistant Coatings
- Resin Modification
- Industrial Coatings

## Application details

SILRES® REN 168 is highly suitable for introducing a compatible silicone component into other binder systems to increase the weathering or heat resistance.

Guide formulations are available on request.

Application examples are:

- pots and pans
- coil coating
- appliance industry

## Packaging and storage

### Storage

The "Best use before end" date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code SILRES® REN 168



**For technical, quality or product safety questions, please contact:**

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
info@wacker.com, www.wacker.com

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