

SILRES[®] 603

Silicone Resins

Solid silicone resin containing phenyl groups and exhibiting good compatibility with organic polymers.

Properties

Improves the heat resistance of powder coatings made with organic polymers.

Helps to improve the water resistance of powder coatings.

Increases the weather resistance of powder coatings.

Shows good compatibility with organic powder coating resins.

Technical data

General Characteristics

Property	Condition	Value	Method
Color	-	colorless to yellowish	-
Molecular weight (Mw)	-	approx. 1.500	-
OH group content	-	4.5 - 6.5 %	-
Softening point	-	65 - 85 °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
- Industrial Coatings
- Powder Coatings

Application details

Base material for heat resistant powder coatings with above average gloss retention during heating. For heat resistant and black pigmented powder coatings it is advisable to blend SILRES® 603 with organic binders for powder coatings and to add heat resistant pigments. SILRES® 603 is similar to SILRES® 601, but has a higher softening point.

Packaging and storage

Packaging

300 kg carton tele (12 x 25 kg paper sack)

Storage

Further information for storage: Store in a dry and cool place.

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® 603



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

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