

# GENIOPERL<sup>®</sup> W36

## Siliconmodifier

GENIOPERL<sup>®</sup> W36 is a polymer modifier with a linear structure based on a functionalized silicone.

## Properties

GENIOPERL<sup>®</sup> W36 improves the impact strength of thermoset polymer systems, especially at low temperatures. We recommend additions of 2 - 8 wt. % for thermosets, in each case relative to the unfilled resin/curing agent or polymer system.

GENIOPERL<sup>®</sup> W36 contains internal anti-foam additives to reduce foam formation by using the material in vacuum casting processes.

## Applications

- Plastic Additives

## Application details

The use of GENIOPERL<sup>®</sup> W36 in cycloaliphatic epoxy resins or epoxy resins cured by carboxylic acid anhydrides is particularly recommended.

GENIOPERL<sup>®</sup> W36 is incorporated into polymer systems by dispersion in monomer or resin blends prior to curing at temperatures between 50 °C and 80 °C. We recommend processing temperatures of at least 50 °C for optimum dispersion. We also recommend the use of rotor-stator systems or simple blade like stirring systems.

## Packaging and storage

### Packaging

30 kg drum pellets  
120 kg drum pellets

### 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 GENIOPERL® W36



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

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.