

GENIOPERL® P52

Siliconmodifier

GENIOPERL® P52 is a particulate polymer modifier in powder form. The spherical, reversibly agglomerated primary particles consist of a low-modulus, crosslinked silicone core and a shell based on an organic polymer.

Properties

GENIOPERL® P52 improves the impact strength of thermoplastic and thermoset polymer systems, especially at low temperatures. We recommend additions of 10-25 wt. % for thermoplastics, and of 2 -12 wt. % for thermosets, in each case relative to the unfilled resin/curing agent or polymer system.

Applications

- Plastic Additives

Application details

GENIOPERL® P52 is incorporated into polymer systems by dispersion in monomer or resin blends prior to curing, or by thermoplastic processing. We recommend processing temperatures between 50 °C - 120 °C for optimum particle deagglomeration and dispersion.

Packaging and storage

Packaging

20 kg Cardboard Box
20 kg Drum
400 kg BigBag

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/genioperl>.

QR Code GENIOPERL® P52



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

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