

WACKER® E 3157

Silicone Fluid Emulsions

WACKER® E 3157 is a nonionic oil-in-water-emulsion of a medium viscosity polydimethylsiloxane dispersed in water. Even in diluted form, the emulsion is well stable with regard to shear stress. In addition, it exhibits excellent wetting and spreading properties. WACKER® E 3157 can easily be incorporated into coldstirred formulations.

Technical data

General Characteristics

Property	Condition	Value	Method
pH	-	6.0 - 9.0	Indicator strips
Emulsifier type	-	nonionic	-
Appearance	-	milky	-
Particle size	-	< 350 nm	-
Solid content	-	61.0 - 65.0 %	Microwave oven

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

- Paint & Plastic Polishes

- Slip Emulsions for Printing

Application details

WACKER® E 3157 can be used for the formulation of release agents in rubber processing.

Furthermore, the emulsion is suitable best for the formulation of paint and vinyl conditioners. The polydimethylsiloxane ingredient supports an easy polishing of the conditioner formulations and improves the brightness.

In rotary offset printing, WACKER® E 3157 improves the heat resistance of the paper web and reduces its sensitivity to shear. WACKER® E 3157 bestows good antiblocking properties on the paper web making it resistant to mechanical stress and letting it glide over the rollers very easily.

WACKER® E 3157 has to be stirred well before use.

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 WACKER® E 3157



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

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.