

WACKER® E 3154

Silicone Fluid Emulsions

WACKER® E 3154 is a nonionic oil-in-water emulsion of a medium viscosity polydimethylsiloxane. 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 3154 can easily be incorporated into coldstirred formulations.

Technical data

General Characteristics

Property	Condition	Value	Method
pH	-	7.0 - 9.0	Indicator strips
Emulsifier type	-	nonionic	-
Solid content	-	62.0 - 66.0 %	Microwave oven
Appearance	-	milky, slightly yellowish	-
Particle size	-	< 350 nm	-
Viscosity, dynamic	25 °C	500 - 2500 mPa·s	Brookfield

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

- Car Care
- Car Polishes
- Paint Preservatives
- Plastic-Care Products
- Slip Emulsions for Printing
- Wash-and-Wax Agents

Application details

WACKER® E 3154 can be used for the formulation of universal release agents in rubber processing.

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

As component of slip emulsions in rotary offset printing, WACKER® E 3154 improves the heat resistance of the paper web and reduces its sensitivity to shear. WACKER® E 3154 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 3154 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 3154



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

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