

WACKER® E 3166

Silicone Fluid Emulsions, functional

WACKER® E 3166 is a nonionic formulated oil-in-water emulsion of an alkylfunctional polysiloxane.

Technical data

General Characteristics

Property	Condition	Value	Method
pH	-	4.5 - 7.5	Indicator strips
Emulsifier type	-	nonionic	-
Solid content	-	52.0 - 57.0 %	Microwave oven
Appearance	-	milky	-
Particle size	-	≤ 300 µm	-

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

- Light Alloy Diecasting

- Polyurethane Processing

Application details

WACKER® E 3166 can be used for the formulation of release agents for the thermal molding of rubber, plastics, and low-melting non-ferrous metals.

The in WACKER® E 3166 modified silicone oil combines the advantages of silicone oils and mineral oils. It is particularly recommended for release processes in which the demolded parts must subsequently be painted, printed, coated or bonded.

The use of a special, non-ionic emulsifier system facilitates the combination of WACKER® E 3166 with emulsions of other formulation components.

Furthermore, WACKER® E 3166 can be easily diluted with water at any time and demonstrates good storage stability even in diluted form.

In any case, however, we recommend conducting compatibility and stability tests.

WACKER® E 3166 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.

QR Code WACKER® E 3166



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

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