

WACKER® E 3196

Silicone Fluid Emulsions, functional

WACKER® E 3196 is a nonionic oil-in-water emulsion of a polysiloxane containing alkyl and aralkyl organic groups.

Technical data

General Characteristics

Property	Condition	Value	Method
pH	-	4.5 - 7.5	Indicator strips
Emulsifier type	-	nonionic	-
Solid content	-	54.0 - 58.0 %	Microwave oven
Appearance	-	milky	-
Particle size	-	< 250 nm	-

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

Application details

WACKER® E 3196 was developed for the formulation of release agents for the thermal moulding of low-melting non-ferrous metals. The active ingredient of WACKER® E 3196 is an organo modified silicone fluid whose special chemical structure imbues it with the benefits of silicone fluids and mineral oils.

WACKER® E 3196 is especially recommended for the formulation of release agents which are applied at very high temperatures of the die. An outstanding release effect is even obtained when extremely small amounts of WACKER® E 3196 are used.

The specific non-ionic emulsifier system in WACKER® E 3196 facilitates the combination with emulsions of other release agent actives. In addition, WACKER® E 3196 may be easily diluted with water at any time. Though being diluted, it exhibits good storage stability.

However, preliminary trials on compatibility and stability must be performed.

Before use, WACKER® E 3196 must be stirred thoroughly.

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.

We recommend storing WACKER® E 3196 at temperatures between +5 and +35 °C.

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 3196



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

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