

WACKER® E35 100

Silicone Fluid Emulsions

WACKER® E35 100 is a 35% emulsion of medium viscosity Polydimethylsiloxane. It is primarily designed for use in applications for mold release, furniture polish, textile finishing, and other specialty formulations. WACKER® E35 100 contains sodium nitrite as a corrosion inhibitor. WACKER® E35 100 should not be used in contact with amines.

Properties

- Ultrafine particle size
- Ease and versatility of application
- Chemical inertness
- Absence of fire hazard

Technical data

General Characteristics

Property	Condition	Value	Method
Emulsifier type	-	Nonionic	-
Solid content	-	38 %	-
Appearance	-	White	-
Centrifuge test	1 h 2000 r/min	No separation	-
Dilution ⁽¹⁾	200 ppm 30 d	2 %	-
Freeze thaw stability ⁽²⁾	-20 - 20 °C	4 cycle(s)	-
Heat ⁽³⁾	7 d	50 °C	-
Viscosity, kinematic of silicone fluid in emulsion	-	100 cSt	-

¹No separation

²No separation

³No separation

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

- Chemical Industry

Application details

In mold release applications, WACKER® E35 100 is normally diluted to 0.5% - 2.5%. A suitable preservative should be incorporated into all water-based formulations to help retard the growth of bacteria. In a polish or specialty product formulation, WACKER® E35 100 is normally used in its concentrated form. Optimal performance in polish applications is usually achieved by blending WACKER® E35 100 with another emulsion in the Wacker® E35 series to get a combination of properties. Normally, a higher viscosity type silicone will give high gloss and durability, while the lower viscosity emulsions are easier to apply and rubout.

Packaging and storage

Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis 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

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code WACKER® E35 100



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, www.wacker.com

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