

# E35 350

## Silicone Fluid Emulsions

E35 350 is a 35% emulsion of medium viscosity polydimethylsiloxane. It is primarily designed for use in applications for furniture polish, textile finishing, and other specialty formulations. E35 350 contains sodium nitrite as a corrosion inhibitor. E35 350 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	-
Appearance	-	White	-
Centrifuge test	1 h   2000 r/min	No separation	-
Dilution <sup>(1)</sup>	200 ppm   30 d	2 %	-
Freeze thaw stability <sup>(2)</sup>	-20 - 20 °C	4 cycle(s)	-
Heat <sup>(3)</sup>	7 d	50 °C	-
Solid content	-	38 %	-
Viscosity, kinematic of silicone fluid in emulsion	-	350 cSt	-

<sup>1</sup>No separation

<sup>2</sup>No separation

<sup>3</sup>No 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, E35 350 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, E35 350 is normally used in its concentrated form. Optimal performance is achieved by blending E35 350 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 E35 350



**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.