

# WACKER® E 1656

## Silicone Fluid Emulsions

WACKER® E 1656 is an oil-in-water emulsion of an aminofunctional polydimethylsiloxane. WACKER® E 1656 is stabilized by nonionic emulsifiers. Therefore, combination of WACKER® E 1656 with other emulsions is facilitated in many cases.

## Technical data

### General Characteristics

Property	Condition	Value	Method
pH	-	6.0 - 9.0	Indicator strips
Emulsifier type	-	nonionic	-
Solid content	-	60.0 - 67.0 %	Microwave oven
Appearance	-	milky	-
Amine number	-	0.08 - 0.12 meq/g	-
Particle size	-	100 - 500 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

- Car Care
- Car Polishes
- Paint Preservatives
- Plastic-Care Products
- Polyurethane Processing
- Wash-and-Wax Agents

## Application details

WACKER® E 1656 can be used best in car polishes, e.g., in paint conditioners, paint polishes and vinyl conditioners. In paint conditioners and paint polishes both gloss level and detergent resistance are improved. WACKER® E 1656 is especially useful for the making of vinyl conditioners. Due to the polar aminofunctions of the emulsion's active, the protective polish film adheres extremely well to the substrate surface which results in that gloss and depth of image are retained for a longer period of time. In combination with emulsions based on polydimethylsiloxanes, e.g. WACKER® E 1044, the characteristics of vinyl conditioners can be exactly adjusted with regard to gloss and depth of image.

WACKER® E 1656 may exhibit a greyish / greenish appearance. This is typical for this product.

Stir 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 1656



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

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
[productinformation@wacker.com](mailto:productinformation@wacker.com), [www.wacker.com](http://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.