

WACKER® TPR

Silicone Resins

WACKER® TPR is a reaction product of silicone resin with silicone fluids, which forms water-repellent release films. These films have much better affinity than is attainable with polydimethylsiloxanes and many organomodified silicone fluids of comparable viscosity.

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, kinematic	-	250 - 400 mm ² /s	DIN 51562-1
Refractive index	25 °C	1.4050 - 1.4080	DIN 51423
Appearance	-	clear	-
Density	25 °C	approx. 1.02 g/cm ³	-

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
- Surface Care

Application details

WACKER® TPR can be used as a component in polish and release agent formulations. In polishes, WACKER® TPR is used in paint conditioners and paint polishes to improve detergent resistance, depth of image, and gloss without affecting the ease of rub out. WACKER® TPR combines the positive properties of silicone fluids and silicone resins. Release agents, e.g. for the processing of microcellular PUR foams, which are formulated with WACKER® TPR, exhibit high release efficiency and satisfactory overpainting and bonding features.

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® TPR



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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