

WACKER E41 M

Silicone emulsion for release and shine

Properties

Wacker E 41 M is aqueous silicone fluid emulsion containing unreactive medium viscosity polydimethylsiloxane. The emulsion creates a thin but highly effective parting film. It does not discolor or damage rubber, leather, or plastics. It is 33% active non-ionic emulsion formulated with polydimethylsiloxane.

Features

- Excellent water repellency
- Easy processing.
- Excellent high temperature resistant.
- Excellent non-stick properties in contact with sticky substances.

Technical data

Properties

Property	Condition	Value	Method
Appearance	-	White emulsion	Visual
%Non-Volatile content	-	~35	-
pH	@ 25 °C	6 – 9	-

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 & conditions always take precedence. The disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

Wacker E 41 M has been developed for use in -

Rubber industry

- As release agents in vulcanization
- As lubricants, e.g., for gaskets

Plastic Industry

- As release agents in the molding of thermoplastic and thermosetting materials
- As additive to pigments and filler to improve processability

Foundry industry

- As release agents in diecasting, precision casting and in the Coining process.

General

- Lubricant and anti-sticking agent for extruded rubber parts. Prevents newly coiled extrusions from sticking together and improves surface appearance.
- Release coating for conveyors. Prevents sticking of products to conveyors, even those operating at high temperatures.
- As a polish agent.

Wire and Cable lubricant

- Wacker E 41 M does not support fungus growth. Hence, the appearance of stored cable is not damaged by fungi, which feed on paraffin

Packaging, Storage, and shelf life

Packaging

- 35 Kg Jerrycan
- 200 Kg drum
- 1000 Kg IBC

Storage & shelf life

Wacker E41 M has a shelf life of at least 12 months if stored in originally sealed containers at 25° C. The "Best use before end" date of each batch is shown on the product label.

If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.



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