

**Description** BLUESIL EMUL 284 is a slightly ionic oil-in-water type emulsion of a high viscosity a/w-hydroxydimethylpolysiloxane fluid.

BLUESIL EMUL 284 is characterised by its reactivity, its outstanding stability, its lubricating power and its fabric softening properties (textile applications).

**Examples of applications** BLUESIL EMUL 284 has many industrial applications:

- Fabric softener for textile finishing preparations.
- Shiny finish for leathers and hides.
- Additive for homecare products (polishes).
- Rubber mould release.

**Key benefits** Please consult your local ELKEM SILICONES sales office.

**Typical properties**

	BLUESIL EMUL 284
Viscosity NF T 76102	< 500 mPa.s
pH ISO 976	7

Appearance..... milky liquid  
Colour ..... white  
Solids, %, approx..... 51  
Specific gravity at 25 °C, approx. .... 1.0  
pH, approx. .... 7  
Diluent .....water

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

**Instruction of use** The low viscosity of BLUESIL EMUL 284 allows its use as delivered. When used in various applications it may also be employed after dilution with soft water. To dilute, always add water to the emulsion while stirring softly.

In the textile industry, BLUESIL EMUL 284 is used as:

- Fabric softener. As an additive in customer specific preparations. Always check if the emulsion is compatible with the formulations ingredients.
- Elastomeric softener. In combination with cross-linkers.
- Additive to allow for a shiny aspect of leathers and hides. The product is applied by spray or with a roller, then dried under the usual conditions. BLUESIL EMUL 284 improves gloss and feel of the substrate.

The quantity of BLUESIL EMUL 284 to be employed will depend on the level of gloss and touch effect required.

**Packaging**

- BLUESIL EMUL 284 is available in
  - Tote bin of 1000 KG (2205 LB)

# BLUESIL EMUL 284

Technical Data Sheet n° 5158-V1 – 2018/12/07

- Pail of 25 KG (55.13 LB)

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<b>Storage and shelf life</b>	When stored in its original packaging: BLUESIL EMUL 284 may be stored at a temperature between 2 °C/ 36 °F and 30 °C/ 86 °F for up to 12 months from its date of manufacturing. Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.
<b>Regulation</b>	Please consult your local ELKEM SILICONES sales office.
<b>Limitations</b>	Please consult your local ELKEM SILICONES sales office.
<b>Safety</b>	Please consult the Safety Data Sheet of: BLUESIL EMUL 284

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#### Warning to the users

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