

BLUESIL EMUL E1P

Description	BLUESIL EMUL E1P is an oil in water emulsion containing 35 % of a silicone oil. It can be used in many industries.															
Examples of applications	<ul style="list-style-type: none"> • Mould release of technical rubber, tyres, plastics as well as foundry materials. • Lubricant for web-offset printing. • Silky sheen for furs. • Softener in textile finish formulations. • Water-repellent and anti-adherent for industrial glassware. • Constituent of maintenance product and polishes: floors, furniture, leather, lubricating, anti-mottling and brightening agent in the printing industry. 															
Key benefits	<ul style="list-style-type: none"> • High resistance to heat: no thermal degradation which might leave carbonaceous residues. • High chemical inertness. • High water-repellent properties (glass industry). • Complete incompatibility with some organic materials. • Good lubricating properties. • Good softening effect (textile industry). 															
Typical properties	<table border="1"> <tr> <td>Appearance</td> <td>milky liquid</td> </tr> <tr> <td>Viscosity of the base fluid at , mm²/s, approx</td> <td>300</td> </tr> <tr> <td>Specific gravity at 25 °C, approx</td> <td>1.0</td> </tr> <tr> <td>pH, approx</td> <td>6 to 8</td> </tr> <tr> <td>Solvent</td> <td>none</td> </tr> <tr> <td>Dry content, %, approx .</td> <td>40</td> </tr> <tr> <td>Silicone content, %, approx</td> <td>35</td> </tr> </table>		Appearance	milky liquid	Viscosity of the base fluid at , mm²/s, approx	300	Specific gravity at 25 °C, approx	1.0	pH, approx	6 to 8	Solvent	none	Dry content, %, approx .	40	Silicone content, %, approx	35
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	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	<ol style="list-style-type: none"> 1. As a release agent, BLUESIL EMUL E1P should be applied to clean surfaces in dilutions to 30-100 times its volume by spraying, padding, or brushing. It is applicable to hot surfaces (up to). Add the water in the emulsion (hardness of water < 250 ppm as CaCO₃). 2. In the textile industry, BLUESIL EMUL E1P may be used as follows: <ul style="list-style-type: none"> • For softening effect as an additive to finish formulations. • As a lubricant, after addition to sizing formulae provided that it should be compatible with other constituents of the formula after treatment, drying occurs in the usual conditions, without polymerisation. • As a brightener for natural or synthetic furs. The treatment is made using spray or lick roll techniques, and drying occurs in the usual conditions: a glossy appearance is thus obtained. BLUESIL EMUL E1P gives no water repellency to the substrates. <p>The quantity of BLUESIL EMUL E1P used will depend upon the desired effect and properties.</p>															
Regulation	Please consult your local ELKEM SILICONES sales office.															
Limitations	Please consult your local ELKEM SILICONES sales office.															
Packaging	<ul style="list-style-type: none"> • BLUESIL EMUL E1P is available in <ul style="list-style-type: none"> ○ Pallet of 1000 KG (2205 LB) ○ Drum of 200 KG (441 LB) ○ Pail of 25 KG (55.13 LB) ○ Drum of 25 KG (55.13 LB) 															

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Storage and shelf life	When stored in its original packaging: BLUESIL EMUL E1P may be stored at temperatures 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.
Safety	Please consult the Safety Data Sheet of: BLUESIL EMUL E1P

Visit our website www.elkem.com/silicones/

Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.