

# BLUESIL EMUL E1P

<b>Description</b>	<b>BLUESIL EMUL E1P</b> is an oil in water emulsion containing 35 % of a silicone oil. It can be used in many industries.															
<b>Examples of applications</b>	<ul style="list-style-type: none"> <li>• Mould release of technical rubber, tyres, plastics as well as foundry materials.</li> <li>• Lubricant for web-offset printing.</li> <li>• Silky sheen for furs.</li> <li>• Softener in textile finish formulations.</li> <li>• Water-repellent and anti-adherent for industrial glassware.</li> <li>• Constituent of maintenance product and polishes: floors, furniture, leather, lubricating, anti-mottling and brightening agent in the printing industry.</li> </ul>															
<b>Key benefits</b>	<ul style="list-style-type: none"> <li>• High resistance to heat: no thermal degradation which might leave carbonaceous residues.</li> <li>• High chemical inertness.</li> <li>• High water-repellent properties (glass industry).</li> <li>• Complete incompatibility with some organic materials.</li> <li>• Good lubricating properties.</li> <li>• Good softening effect (textile industry).</li> </ul>															
<b>Typical properties</b>	<table border="1"> <tr> <td><b>Appearance</b></td> <td>milky liquid</td> </tr> <tr> <td><b>Viscosity of the base fluid at , mm<sup>2</sup>/s, approx</b></td> <td>300</td> </tr> <tr> <td><b>Specific gravity at 25 °C, approx</b></td> <td>1.0</td> </tr> <tr> <td><b>pH, approx</b></td> <td>6 to 8</td> </tr> <tr> <td><b>Solvent</b></td> <td>none</td> </tr> <tr> <td><b>Dry content, %, approx .</b></td> <td>40</td> </tr> <tr> <td><b>Silicone content, %, approx</b></td> <td>35</td> </tr> </table>		<b>Appearance</b>	milky liquid	<b>Viscosity of the base fluid at , mm<sup>2</sup>/s, approx</b>	300	<b>Specific gravity at 25 °C, approx</b>	1.0	<b>pH, approx</b>	6 to 8	<b>Solvent</b>	none	<b>Dry content, %, approx .</b>	40	<b>Silicone content, %, approx</b>	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.															
<b>Instruction of use</b>	<ol style="list-style-type: none"> <li>1. As a release agent, <b>BLUESIL EMUL E1P</b> 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 &lt; 250 ppm as CaCO<sub>3</sub>).</li> <li>2. In the textile industry, <b>BLUESIL EMUL E1P</b> may be used as follows:                             <ul style="list-style-type: none"> <li>• For softening effect as an additive to finish formulations.</li> <li>• 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.</li> <li>• 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. <b>BLUESIL EMUL E1P</b> gives no water repellency to the substrates.</li> </ul> </li> </ol> <p>The quantity of <b>BLUESIL EMUL E1P</b> used will depend upon the desired effect and properties.</p>															
<b>Regulation</b>	Please consult your local ELKEM SILICONES sales office.															
<b>Limitations</b>	Please consult your local ELKEM SILICONES sales office.															
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• BLUESIL EMUL E1P is available in                             <ul style="list-style-type: none"> <li>○ Pallet of 1000 KG (2205 LB)</li> <li>○ Drum of 200 KG (441 LB)</li> <li>○ Pail of 25 KG (55.13 LB)</li> <li>○ Drum of 25 KG (55.13 LB)</li> </ul> </li> </ul>															

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<b>Storage and shelf life</b>	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.
<b>Safety</b>	Please consult the Safety Data Sheet of: BLUESIL EMUL E1P

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#### Warning to the users

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