

COMFORTSIL ECOSOFT

Description	COMFORTSIL ECOSOFT is a medium to low viscosity diamino functionalised polydimethyl siloxane, specially developed for formulation to emulsions for textile softening and textile resin plasticising.															
Examples of applications	<p>COMFORTSIL ECOSOFT is designed for use as a base fluid for formulation of amino silicone emulsions specifically to be used as textile softeners and lubricants.</p> <p>In application to textiles the product typically yields:</p> <ul style="list-style-type: none"> • Smooth soft hand • Good drape characteristics • Low yellowing • Increased fabric elasticity and crease recovery • Improved fabric tensile and tear strength <p>Typical end uses include cellulosic and man made fibres on woven, knitted and non woven fabrics and as a lubricant in raising and sueding.</p>															
Key benefits	Please consult your local ELKEM SILICONES sales office.															
Typical properties	<table border="1"> <tr> <td>Appearance</td> <td>clear to slight haze free flowing free of suspended matter and sediment</td> </tr> <tr> <td>Colour</td> <td>Colourless to pale yellow</td> </tr> <tr> <td>Amine content (ppm N, approx.)</td> <td>4200</td> </tr> <tr> <td>Viscosity (at 25°C, cP, approx.)</td> <td>300</td> </tr> <tr> <td>Amine Number</td> <td>0.33</td> </tr> <tr> <td>Flash point (°C, approx.)</td> <td>104</td> </tr> <tr> <td>Odour</td> <td>Slight amine odour</td> </tr> </table> <p>Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.</p>		Appearance	clear to slight haze free flowing free of suspended matter and sediment	Colour	Colourless to pale yellow	Amine content (ppm N, approx.)	4200	Viscosity (at 25°C, cP, approx.)	300	Amine Number	0.33	Flash point (°C, approx.)	104	Odour	Slight amine odour
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Instruction of use	Please consult your local ELKEM SILICONES sales office.															
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"> • COMFORTSIL ECOSOFT E4 is available in <ul style="list-style-type: none"> ○ Drum of 200 KG (441 LB) ○ Pallet of 1000 KG (2205 LB) 															
Storage and shelf life	<p>When stored in its original packaging:</p> <p>COMFORTSIL ECOSOFT E4 may be stored at temperatures between 2°C / 36°F and 40°C / 104°F for up to 12 months from its date of manufacturing.</p> <p>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.</p>															
Safety	Please consult the Safety Data Sheet of: COMFORTSIL ECOSOFT E4															

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

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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.