

# COMFORTSIL FLD 21650

<b>Description</b>	<b>COMFORTSIL FLD 21650</b> is a high viscosity amino functionalized polydimethylsiloxane, based on our patented HALS (Hindered Amine Light Stabilizing) technology.														
<b>Examples of applications</b>	<p><b>COMFORTSIL FLD 21650</b> is easily emulsified into micro- or macro-emulsions, using typically C13 [EO]6 alcohol ethoxylated surfactants.</p> <p>The application onto textile surfaces imparts the following properties:</p> <ul style="list-style-type: none"> <li>• Non-yellowing even at high temperatures.</li> <li>• Very good soft handle.</li> <li>• Good compromise softness / hydrophilicity.</li> </ul>														
<b>Key benefits</b>	<p><b>COMFORTSIL FLD 21650</b> has been developed for formulation into emulsions destined for use in textile applications.</p> <p>When applied to textiles it imparts properties of a good compromise between softness and hydrophilicity, whilst remaining non-yellowing due to the presence of HALS groups.</p>														
<b>Typical properties</b>	<table border="1"> <tr> <td><b>Appearance</b></td> <td>Clear to slight haze viscous liquid</td> </tr> <tr> <td><b>Colour</b></td> <td>Colourless to very pale yellow</td> </tr> <tr> <td><b>Viscosity (at 25°C, cP, approx.)</b></td> <td>90.000</td> </tr> <tr> <td><b>Specific gravity (at 25°C, approx.)</b></td> <td>0.973</td> </tr> <tr> <td><b>Amine content (ppmN, approx.)</b></td> <td>2500</td> </tr> <tr> <td><b>Flash point (°C, approx.)</b></td> <td>104</td> </tr> <tr> <td><b>Refractive Index (at 25 °C, approx.)</b></td> <td>1.408</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>	<b>Appearance</b>	Clear to slight haze viscous liquid	<b>Colour</b>	Colourless to very pale yellow	<b>Viscosity (at 25°C, cP, approx.)</b>	90.000	<b>Specific gravity (at 25°C, approx.)</b>	0.973	<b>Amine content (ppmN, approx.)</b>	2500	<b>Flash point (°C, approx.)</b>	104	<b>Refractive Index (at 25 °C, approx.)</b>	1.408
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<b>Instruction of use</b>	Please consult your local ELKEM SILICONES sales office.														
<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>• COMFORTSIL FLD 21650 E4 is available in                             <ul style="list-style-type: none"> <li>○ Drum of 200 KG (441 LB)</li> <li>○ Tote bin of 1000 KG (2205 LB)</li> </ul> </li> </ul>														
<b>Storage and shelf life</b>	<p>When stored in its original packaging:</p> <p>COMFORTSIL FLD 21650 E4 may be stored at temperatures between 2°C / 36°F and 40°C / 104°F for up to 24 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>														
<b>Safety</b>	Please consult the Safety Data Sheet of: COMFORTSIL FLD 21650 E4														

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#### Warning to the users

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