

<b>Description</b>	<b>BLUESIL 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>	<b>BLUESIL FLD 21650</b> is easily emulsified into micro- or macro-emulsions, using typically C13 [EO]6 alcohol ethoxylated surfactants. The application onto textile surfaces imparts the following properties: <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>	<b>BLUESIL FLD 21650</b> has been developed for formulation into emulsions destined for use in textile applications. 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.														
<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</b> (at 25°C, cPs, approx.)</td> <td>90.000</td> </tr> <tr> <td><b>Specific gravity</b> (at 25 °C, approx.)</td> <td>0.973</td> </tr> <tr> <td><b>Amine content</b>, (ppmN, approx.)</td> <td>2500</td> </tr> <tr> <td><b>Flash point</b>, (°C, approx.)</td> <td>104</td> </tr> <tr> <td><b>Refractive Index</b> (at 25 °C, approx.)</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</b> (at 25°C, cPs, approx.)	90.000	<b>Specific gravity</b> (at 25 °C, approx.)	0.973	<b>Amine content</b> , (ppmN, approx.)	2500	<b>Flash point</b> , (°C, approx.)	104	<b>Refractive Index</b> (at 25 °C, approx.)	1.408
<b>Appearance</b>	Clear to slight haze viscous liquid														
<b>Colour</b>	Colourless to very pale yellow														
<b>Viscosity</b> (at 25°C, cPs, approx.)	90.000														
<b>Specific gravity</b> (at 25 °C, approx.)	0.973														
<b>Amine content</b> , (ppmN, approx.)	2500														
<b>Flash point</b> , (°C, approx.)	104														
<b>Refractive Index</b> (at 25 °C, approx.)	1.408														
<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>• BLUESIL FLD 21650 is available in <ul style="list-style-type: none"> <li>○ Drum of 200 KG (441 LB)</li> </ul> </li> </ul>														
<b>Storage and shelf life</b>	When stored in its original packaging: BLUESIL FLD 21650 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. 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 FLD 21650														

# BLUESIL FLD 21650

Technical Data Sheet n° 885-V2 – 2020/01/03

Visit our website [www.silicones.elkem.com](http://www.silicones.elkem.com)

## 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.