



Data Sheet

Issued Feb 2021

Product name	Shell GTL Sarawax SX70S																																														
Product category	Synthetic Paraffin Wax																																														
Description	<p>Shell GTL Sarawax SX70S (also known as SX70S) is a synthetic paraffin wax consisting of linear alkane molecules polymerized from natural gas via Fischer-Tropsch synthesis. Being essentially an alkane material, Shell GTL Sarawax SX70S is stable and shows a good resistance towards oxidation. It can however be functionalized if required.</p> <p>Shell GTL Sarawax SX70S does not dissolve in water and has a melting point in the range of 70°C –72 °C. Being a gas-to-liquid (GTL) product, Shell GTL Sarawax SX70S contains zero sulphur and is virtually free from nitrogen, aromatics and heavy metals.</p> <p>Shell GTL Sarawax SX70S complies with the requirements of 21 Code of Federal Regulations: Parts 172.886 (purity compliance), 172.888 (b, c & d compliance), 175.105 (adhesives), 175.250 (coatings), 175.300 (coatings), 176.170 (paperboard), 176.180 (paperboard), 177.1200 (cellophane), 177.1210 (sealing), 177.1390 (laminare), 178.3710 (purity compliance) and 178.3720 (b, c & d compliance per 172.888).</p> <p>Shell GTL Sarawax SX70S is assigned with the INCI (International Nomenclature of Cosmetic Ingredient) name of Synthetic Wax.</p>																																														
Physical Properties	<table border="1"> <thead> <tr> <th>Property</th> <th>Unit</th> <th>Test Method</th> <th>Specification</th> <th>Typical</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td></td> <td></td> <td colspan="2">White solid at ambient temperature.</td> </tr> <tr> <td>Congeeing Point</td> <td>°C</td> <td>ASTM D938</td> <td>67 min</td> <td>70- 72</td> </tr> <tr> <td>Saybolt Colour</td> <td></td> <td>ASTM D156</td> <td>+25 min</td> <td>+30</td> </tr> <tr> <td>Odour</td> <td></td> <td></td> <td>1.0 max</td> <td>Odourless</td> </tr> <tr> <td>Oil Content @ -32°C</td> <td>%m</td> <td>ASTM D721</td> <td>0.5 max</td> <td>0.3-0.5</td> </tr> <tr> <td>Penetration @ 25°C</td> <td>0.1 mm</td> <td>IP 376</td> <td>8 min</td> <td>11-14</td> </tr> <tr> <td>Kinematic viscosity @ 100°C</td> <td>mm²/s</td> <td>ASTM D445</td> <td>Report</td> <td>5.8-6.0</td> </tr> <tr> <td>UV Absorptivity</td> <td>L/gcm</td> <td>ASTM D2008</td> <td>0.01 max</td> <td>< 0.01</td> </tr> </tbody> </table>	Property	Unit	Test Method	Specification	Typical	Appearance			White solid at ambient temperature.		Congeeing Point	°C	ASTM D938	67 min	70- 72	Saybolt Colour		ASTM D156	+25 min	+30	Odour			1.0 max	Odourless	Oil Content @ -32°C	%m	ASTM D721	0.5 max	0.3-0.5	Penetration @ 25°C	0.1 mm	IP 376	8 min	11-14	Kinematic viscosity @ 100°C	mm ² /s	ASTM D445	Report	5.8-6.0	UV Absorptivity	L/gcm	ASTM D2008	0.01 max	< 0.01	
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Emergency helpline	<p>+60 (86) 292 222</p> <p>Refer to the telephone numbers in the Material Safety Data Sheet for emergency and technical support.</p>																																														
Shell Warranties	<p>The information contained in this publication is to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control.</p> <p>Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.</p> <p>SHELL MDS (M) Sdn Bhd makes no representation and extends no warranty or condition, express or implied, and assumes no liability (whether in contract, tort or otherwise) with respect to the completeness, utility or accuracy of any product; merchantability or fitness for a particular purpose; descriptions of the product are for the sole purpose of product</p>																																														

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