



Data Sheet

Issued Feb 2021

Product name	Shell GTL Sarawax SX80																																														
Product category	Synthetic Paraffin Wax																																														
Description	<p>Shell GTL Sarawax SX80 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 SX80 is stable and shows a good resistance towards oxidation.</p> <p>Shell GTL Sarawax SX80 does not dissolve in water and has a congealing point in the range of 80°C – 85°C. Being a gas-to-liquid (GTL) product, Shell GTL Sarawax SX80 is virtually free of sulphur, nitrogen, aromatics and heavy metals.</p> <p>Shell GTL Sarawax SX80 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 SX80 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>Congeaing Point</td> <td>°C</td> <td>ASTM D938</td> <td>81 min</td> <td>82 - 86</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>ASTM D1833</td> <td>2.0 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><0.5</td> </tr> <tr> <td>Penetration @ 25°C</td> <td>0.1 mm</td> <td>IP 376</td> <td>6 max</td> <td>3-5</td> </tr> <tr> <td>Kinematic viscosity @ 120°C</td> <td>mm²/s</td> <td>ASTM D445</td> <td>9 max</td> <td>6-8</td> </tr> <tr> <td>Drop Melting Point</td> <td>°C</td> <td>ASTM D127</td> <td>105 max</td> <td><104</td> </tr> </tbody> </table>	Property	Unit	Test Method	Specification	Typical	Appearance			White solid at ambient temperature.		Congeaing Point	°C	ASTM D938	81 min	82 - 86	Saybolt Colour		ASTM D156	+25 min	+30	Odour		ASTM D1833	2.0 max	Odourless	Oil Content @ -32°C	%m	ASTM D721	0.5 max	<0.5	Penetration @ 25°C	0.1 mm	IP 376	6 max	3-5	Kinematic viscosity @ 120°C	mm ² /s	ASTM D445	9 max	6-8	Drop Melting Point	°C	ASTM D127	105 max	<104	
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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>																																														
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