



Data Sheet

Issued Feb 2021

Product name	Shell GTL Sarawax SX55R																																				
Product category	Synthetic Paraffin Wax																																				
Description	<p>Shell GTL Sarawax SX55R (also known as SX55R) 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 SX55R is stable and shows a good resistance towards oxidation. It can however be functionalized if required.</p> <p>Shell GTL Sarawax SX55R does not dissolve in water and has a melting point in the range of 54°C –56 °C. Being a gas-to-liquid (GTL) product, Shell GTL Sarawax SX55R contains zero sulphur and is virtually free from nitrogen, aromatics and heavy metals.</p> <p>Shell GTL Sarawax SX55R 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 (laminates), 178.3710 (purity compliance) and 178.3720 (b, c & d compliance per 172.888).</p> <p>Shell GTL Sarawax SX55R 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>53 min</td> <td>54 to 56</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>Report</td> <td>< 1.0</td> </tr> <tr> <td>Oil Content @ -32°C</td> <td>%m</td> <td>ASTM D721</td> <td>Report</td> <td>1.7 to 2.4</td> </tr> <tr> <td>UV Absorptivity</td> <td>L/gcm</td> <td>ASTM D2008</td> <td>-</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	53 min	54 to 56	Saybolt Colour		ASTM D156	+25 min	+30	Odour			Report	< 1.0	Oil Content @ -32°C	%m	ASTM D721	Report	1.7 to 2.4	UV Absorptivity	L/gcm	ASTM D2008	-	< 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>																																				
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