

## BIOMER 85 G

### TECHNICAL INFORMATION

<b>Product Family:</b>	<b><u>BIOMER – biodegradable waxes</u></b>	
<b>Product Description:</b>	Hydrophilic oxidized lubricant	
<b>Benefits:</b>	Biodegradable low melting wax to prevent the formation of micro plastics	
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Hydrophilic, easy to emulsify, reduced emulsifier quantity</li> <li>- Harder, more stable towards paraffins</li> <li>- Softer, more flexible towards polyolefin waxes</li> <li>- VOC free, PFAS free</li> </ul>	
<b>Applications:</b>	<p><u>Production of water-based emulsions and dispersions for:</u></p> <ul style="list-style-type: none"> <li>- Textile industry (improved sewability and cutting of textiles)</li> <li>- Care products, industrial cleaners (hydrophobing, gloss)</li> <li>- Paper industry (hydrophobing, tensile strength, stability)</li> <li>- Polishes (surface improvement)</li> <li>- Leather (surface improvement, hydrophobing)</li> <li>- Anti-corrosive agent</li> </ul> <p><u>Rubber industry</u> (sunlight protection, ozone protection, non blooming)</p> <p><u>Road markings</u> (Easier workability, Improvement of the duration)</p> <p><u>Metalworking</u> (Surface lubricant)</p> <p><u>Plastics Industry</u> (Lubricant, Antiblocking)</p>	
<b>Biodegradability:</b>	Raw material is biodegradable according to test method OECD 301 B	
<b>Technical Data:</b>	Colour:	Light yellow
	Form of delivery:	Granules
<b><u>BIOMER 85 G</u></b>		
	<b>Typical value</b>	<b>Method</b>
	Drop point wax*:	90 – 97 °C
	Viscosity wax (140 °C)*:	20 mPas
	Acid value*:	20 – 25 mg KOH/g
	Penetration:	< 30 mm*10 <sup>-1</sup>
	HLB-Value:	12
	* part of certificate of analysis	
<b>Storage, Shelf life:</b>	Dry storage. Store at temperatures (+5 °C to +28 °C) Shelf life: minimum 24 months	
<b>Further Information:</b>	Application, Properties, alternative Products: <a href="https://www.deurex.com/productsearch/BIOMER-85-G/">https://www.deurex.com/productsearch/BIOMER-85-G/</a>	

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