



BIOMER® 85 G

TECHNICAL INFORMATION

Product Family:	<u>BIOMERE – biodegradable waxes</u>															
Product Description:	Hydrophilic oxidized lubricant															
Benefits:	Biodegradable low melting wax to prevent the formation of micro plastics															
Properties:	<ul style="list-style-type: none">- Hydrophilic, easy to emulsify, reduced emulsifier quantity- Harder, more stable towards paraffins- Softer, more flexible towards polyolefin waxes- VOC free, PFAS free															
Applications:	<p><u>Production of water-based emulsions and dispersions for:</u></p> <ul style="list-style-type: none">- Textile industry (improved sewability and cutting of textiles)- Care products, industrial cleaners (hydrophobing, gloss)- Paper industry (hydrophobing, tensile strength, stability)- Polishes (surface improvement)- Leather (surface improvement, hydrophobing)- Anti-corrosive agent <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>															
Biodegradability:	Der Rohstoff ist gemäß der Testmethode OECD 301 B biologisch abbaubar															
Technical Data:	Colour: Light yellow															
	<table><thead><tr><th></th><th>Typical value</th><th>Method</th></tr></thead><tbody><tr><td>Drop point wax*:</td><td>90 – 98 °C</td><td>LV 12 (DGF M-III 3)</td></tr><tr><td>Viscosity wax:</td><td>20 mPas</td><td>LV 2 (DIN EN ISO 3104)</td></tr><tr><td>Acid value*:</td><td>20 – 25 mgKOH/g</td><td>DIN EN ISO 2114</td></tr><tr><td>Penetration:</td><td>< 30 mm*10⁻¹</td><td>LV 4 (DIN 51579)</td></tr></tbody></table>		Typical value	Method	Drop point wax*:	90 – 98 °C	LV 12 (DGF M-III 3)	Viscosity wax:	20 mPas	LV 2 (DIN EN ISO 3104)	Acid value*:	20 – 25 mgKOH/g	DIN EN ISO 2114	Penetration:	< 30 mm*10 ⁻¹	LV 4 (DIN 51579)
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<u>BIOMER® 85 G</u>	Form of delivery: Granules, prills															
	* part of certificate of analysis															
Storage, Shelf life:	Dry storage. Store at temperatures (+5 °C to +28 °C) Shelf life: minimum 24 months															
Alternative Products:	BIOMERE – range of melting point from 60°C to 140°C See www.DEUREX.com															

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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