



## **BIOMER® 85 G**

	TECHNICAL INFORMATION		
Product Family:	BIOMERE – biodegradable waxes		
Product Description:	Hydrophilic oxidized lubricant		
Benefits:	Biodegradable low melting wax to prevent the formation of micro plastics		
Properties:	<ul> <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>		
Applications:	<ul> <li><u>Production of water-based emulsions and dispersions for:</u> <ul> <li>Textile industry (improved sewability and cutting of textiles)</li> <li>Care products, industrail 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> </li> <li>Rubber industry (sunlight protection, ozone protection, non blooming)</li> <li>Road markings (Easier workability, Improvement of the duration)</li> <li>Metalworking (Surface lubricant)</li> <li>Plastics Industry (Lubricant, Antiblocking)</li> </ul>		
Biodegradability:	Raw material is biodegradable according to test method OECD 301 B		
Technical Data:	Colour: Form of delivery:	Light yellow Granules	
		Typical value	Method
BIOMER <sup>®</sup> 85 G	Drop point wax*: Viscosity wax (140 °C)*: Acid value*: Penetration: HLB-Value:	90 – 97 °C 20 mPas 20 – 25 mg KOH/g < 30 mm*10 <sup>-1</sup> 12	ASTM D 3954 ISO 3219 ASTM D 1386 ASTM D 1321
	* 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:	See www.DEUREX.com - BIOMER		

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Revision: