



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:	 Hydrophilic, easy to emulsify, reduced emulsifier quantity Harder, more stable towards paraffins Softer, more flexible towards polyolefin waxes VOC free, PFAS free 		
Applications:	 <u>Production of water-based emulsions and dispersions for:</u> Textile industry (improved sewability and cutting of textiles) Care products, industrail cleaners (hydrophobing, gloss) Paper industry (hydrophobing, tensile strength, stability) Polishes (surface improvement) Leather (surface improvement, hydrophobing) Anti-corrosive agent Rubber industry (sunlight protection, ozone protection, non blooming) Road markings (Easier workability, Improvement of the duration) Metalworking (Surface lubricant) Plastics Industry (Lubricant, Antiblocking) 		
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 [®] 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 ⁻¹ 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: