

## **BIOMER® 140**

Product Family:BIOMERE – biodegradable waxesProduct Description:Lipide, oxidized, straight chains, bio-based		
Product Description: Lipide, oxidized, straight chains, bio-based		
	Lipide, oxidized, straight chains, bio-based	
Benefits: Biodegradable high melting wax to prevent the form	Biodegradable high melting wax to prevent the formation of micro plastics	
Application, Properties: See www.DEUREX.com	See www.DEUREX.com	
Biodegradability: Raw material is biodegradable according to the test	method OECD 301 B	
Technical Data: Colour: White		
Typical value	Method	
Drop point wax*: 140 – 150 °C	ASTM D 3954	
Viscosity wax: < 20 mPas	ISO 3219	
Acid value: 3 – 8 mgKOH/g	ASTM D 1386	
Penetration: < 4 mm*10 <sup>-1</sup>	ASTM D 1321	
BIOMER <sup>®</sup> 140 K Form of delivery: Granules, prills		
BIOMER <sup>®</sup> 140 M Form of delivery: Micronized powder		
Particle size*: 50 % < 10 μm	ISO 13320	
BIOMER <sup>®</sup> 140 D Form of delivery: Dispersion, water-based	wax	
Particle size, Disp: 50 % < 7 μm	ISO 1524	
Solid content, Disp*: 17 – 20 %	IR Moisture-Analyzer	
*part of certificate of analysis		
	form: Dry storage. Store at temperatures (+5 °C to +28 °C) Shelf life: minimum 24 months	
Liquid form: Store in closed original container at temperatures		
(+5 °C to +28 °C); Avoid frost.		
Shelf life: minimum 6 months		
Alternative Products: BIOMERE – range of melting point from 60°C to 14 See www.DEUREX.com	<b>BIOMERE</b> – range of melting point from 60°C to 140°C See www.DEUREX.com	

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