



## BIOMER® 140

### TECHNICAL INFORMATION

<b>Product Family:</b>	<b><u>BIOMERE – biodegradable waxes</u></b>
<b>Product Description:</b>	Lipide, oxidized, straight chains, bio-based
<b>Benefits:</b>	Biodegradable high melting wax to prevent the formation of micro plastics
<b>Application, Properties:</b>	See <a href="http://www.DEUREX.com">www.DEUREX.com</a>
<b>Biodegradability:</b>	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® 140 K** Form of delivery: Granules, prills

**BIOMER® 140 M** Form of delivery: Micronized powder  
Particle size\*: 50 % < 10 µm ISO 13320

**BIOMER® 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*

**Storage, Shelf life:**

**Solid 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 140°C  
See [www.DEUREX.com](http://www.DEUREX.com)