

## BIOMER 140

### TECHNICAL INFORMATION

<b>Product Family:</b>	<b><u>BIOMER – 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>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: Fine granules, pills

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

*\*part of certificate of analysis*

<b>Storage, Shelf life:</b>	<b>Solid form:</b>	Dry storage. Store at temperatures (+5 °C to +28 °C) Shelf life: minimum 24 months
	<b>Liquid form:</b>	Store in closed original container at temperatures (+5 °C to +28 °C); Avoid frost. Shelf life: minimum 6 months

**Further Information:** Application, Properties, alternative Products:  
BIOMER 140 K: <https://www.deurex.com/productsearch/BIOMER-140-K/>  
BIOMER 140 M: <https://www.deurex.com/productsearch/biomer-140-m/>