



BIOMER® 140

TECHNICAL INFORMATION

Product Family:	<u>BIOMERE – biodegradable waxes</u>
Product Description:	Lipide, oxidized, straight chains, bio-based
Benefits:	Biodegradable high melting wax to prevent the formation of micro plastics
Application, Properties:	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 ⁻¹	ASTM D 1321

BIOMER® 140 K

Form of delivery: Fine 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