



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	LV 12 (DGF M-III 3)
Viscosity wax:	< 20 mPas	LV 2 (DIN ISO 3104)
Acid value:	3 – 8 mgKOH/g	DIN ISO 2114
Penetration:	< 3 mm*10 ⁻¹	LV 4 (DIN 51579)

BIOMER® 140 K Form of delivery: Granules, prills

BIOMER® 140 M Form of delivery: Micronized powder
Particle size*: 50 % < 10 µm LV 5 (DIN ISO 13320)

BIOMER® 140 D Form of delivery: Dispersion, water-based wax
Particle size, Disp: 50 % < 7 µm LV 15 (DIN ISO 13320)
Solid content, Disp*: 17 – 20 % LV 6 (DIN ISO 787-2)

**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 month

Alternative Products: **BIOMERE** – range of melting point from 60°C to 140°C
See www.DEUREX.com