



## BIOMER® 100

### TECHNICAL INFORMATION

**Product Family:** [BIOMERE – biodegradable waxes](#)

**Product Description:** Hardwax, modified, oxidized, low-molecular

**Benefits:** Biodegradable medium melting wax to prevent the formation of micro plastics

**Application, Properties:** See [www.DEUREX.com](http://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*:	100 – 115 °C	LV 12 (DGF M-III 3)
Viscosity wax:	< 40 mPas	LV 2 (DIN ISO 3104)
Acid value:	10 – 15 mgKOH/g	DIN ISO 2114
Penetration:	< 12 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)

[BIOMER® 100 K](#)

Form of delivery: Granules, prills

[BIOMER® 100 E](#)

Form of delivery:	Emulsion, water-based wax	
Particle size, Emul:	50 % < 200 nm	LV 15 (DIN ISO 13320)
Solid content, Emul*:	34 – 36 %	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](http://www.DEUREX.com)