



## BIOMER® 60

### TECHNICAL INFORMATION

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

**Product Description:** Lipid, oxidized, low-molecular, bio-based

**Benefits:** Biodegradable low 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: Amber

	Typical value	Method
Drop point wax*:	70 – 80 °C	LV 12 (DGF M-III 3)
Viscosity wax:	< 20 mPas	LV 2 (DIN ISO 3104)
Acid value:	20 – 30 mgKOH/g	DIN ISO 2114
Penetration:	< 10 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)

**[BIOMER® 60 G](#)**

Form of delivery: Granules, prills

**[BIOMER® 60 M](#)**

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

**[BIOMER® 60 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)