

## BIOMER® 100

### TECHNICAL INFORMATION

<b>Product Family:</b>	<b><u>BIOMERE – biodegradable waxes</u></b>
<b>Benefits:</b>	Biodegradable medium melting wax to prevent the formation of micro plastics
<b>Chemical Description:</b>	Perfect cut of lipids and oxidized waxes with medium melting point of 100°C
<b>Application, Properties:</b>	See <a href="http://www.BIOMERE.eu">www.BIOMERE.eu</a>
<b>Biodegradability:</b>	See <a href="http://www.BIOMERE.eu/whybiomere">www.BIOMERE.eu/whybiomere</a>

#### Technical Data:

Colour: Off-white

	Typical value	Method
Drop point wax:	100 – 110 °C	LV 12 (DGF M-III 3)
Viscosity wax:	40 mPas	LV 2 (DIN EN ISO 3104)
Acid value:	20 – 25 mgKOH/g	DIN EN ISO 2114
Penetration:	< 12 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)

#### BIOMER® 100 G

Form of delivery: **G**ranules, prills

#### BIOMER® 100 E

Form of delivery: **E**mulsion, water-based wax

Particle size, Emul*:	50 % < 200 nm	LV 15
Solid content, Emul*:	35 %	LV 6

\* part of certificate of analysis

#### Storage, Shelf life:

**Solid form:** Dry storage. Store at temperatures (+5 °C to +28 °C)  
**Shelf life:** minimum 12 months

**Liquid form:** Store in closed original container at temperatures (+5 °C to +28 °C); Avoid frost.  
**Shelf life:** minimum 4 month

#### Alternative Products:

**BIOMERE** – range of melting point from 60°C to 140°C see [www.BIOMERE.eu/Products](http://www.BIOMERE.eu/Products)