

## BIOMER® 80

### TECHNICAL INFORMATION

<b>Product Family:</b>	<a href="#">BIOMERE – biodegradable waxes</a>
<b>Benefits:</b>	Biodegradable low melting wax to prevent the formation of micro plastics
<b>Chemical Description:</b>	Perfect cut of lipids and oxidized waxes with low melting point of 80°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: Amber

	Typical value	Method
Drop point wax:	80 – 90 °C	LV 12 (DGF M-III 3)
Viscosity wax*:	40 mPas	LV 2 (DIN EN ISO 3104)
Acid value*:	20 – 30 mgKOH/g	DIN EN ISO 2114
Penetration:	< 7 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)

**BIOMER® 80 G**

Form of delivery: Granules, prills

**BIOMER® 80 E**

Form of delivery:	Emulsion, 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)