

## BIOMER® 60

### 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 60°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*: | 60 – 80 °C               | LV 12 (DGF M-III 3)    |
| Viscosity wax:   | 20 mPas                  | LV 2 (DIN EN ISO 3104) |
| Acid value:      | 20 – 30 mgKOH/g          | DIN EN 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  
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)