

## BIOMER® 110

### TECHNICAL INFORMATION

<b>Product Family:</b>	<b>BIOMERE – biodegradable waxes</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 110°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:	110 – 120 °C	LV 12 (DGF M-III 3)
Viscosity wax:	20 mPas	LV 2 (DIN EN ISO 3104)
Acid value:	15 – 20 mgKOH/g	DIN EN ISO 2114
Penetration:	< 2 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)

#### BIOMER® 110 G

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

#### BIOMER® 110 M

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

#### BIOMER® 110 C

Form of delivery: **C**oated wax, micronized powder  
 Particle size: 50 % < 10 µm LV 5 (DIN ISO 13320)

#### BIOMER® 110 D

Form of delivery: **D**ispersion, water-based wax  
 Particle size, Disp: 50 % < 7 µm LV 9  
 Solid content, Disp: 35 % LV 6

#### BIOMER® 110 E

Form of delivery: **E**mulsion, water-based wax  
 Particle size, Emul: 50 % < 200 nm LV 15  
 Solid content, Emul: 35 % LV 6

#### BIOMER® 110 O

Form of delivery: **O**il-based wax dispersion with linseed oil  
 Particle size, Disp: 50 % < 7 µm LV 9  
 Solid content, Disp: 35 % LV 6

#### 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)

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