

BIOMER® 110

TECHNICAL INFORMATION

Product Family:	<u>BIOMERE – biodegradable waxes</u>
Benefits:	Biodegradable medium melting wax to prevent the formation of micro plastics
Chemical Description:	Perfect cut of lipids and oxidized waxes with medium melting point of 110°C
Application, Properties:	See www.BIOMERE.eu
Biodegradability:	See www.BIOMERE.eu/whybiomere

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*:	5 – 10 mgKOH/g	DIN EN ISO 2114
Penetration:	< 2 mm*10 ⁻¹	LV 4 (DIN 51579)

BIOMER® 110 G

Form of delivery: **Granules, prills**

BIOMER® 110 M

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

BIOMER® 110 C

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

BIOMER® 110 D

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

BIOMER® 110 E

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

BIOMER® 110 O

Form of delivery: **Oil-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