



BIOMER® 100

TECHNICAL INFORMATION

Product Family: BIOMERE – biodegradable waxes

Product Description: Hardwax, modified, oxidized, low-molecular

Benefits: Biodegradable medium melting wax to prevent the formation of micro plastics

Application, Properties: See www.DEUREX.com

Biodegradability: Raw material is biodegradable according to the test method OECD 301 B

Technical Data: Colour: White

 Typical value
 Method

 Drop point wax*:
 100 – 115 °C
 LV 12 (DGF M-III 3)

 Viscosity wax:
 < 40 mPas</td>
 LV 2 (DIN ISO 3104)

 Acid value:
 10 – 15 mgKOH/g
 DIN ISO 2114

 Penetration:
 < 12 mm*10-1</td>
 LV 4 (DIN 51579)

BIOMER® 100 K Form of delivery: Granules, prills

BIOMER® 100 E Form of delivery: Emulsion, water-based wax

 Particle size, Emul:
 50 % < 200 nm</td>
 LV 15 (DIN ISO 13320)

 Solid content, Emul*:
 34 – 36 %
 LV 6 (DIN ISO 787-2)

*part of certificate of analysis

Storage, Shelf life: Solid form: Dry storage. Store at temperatures (+5 °C to +28 °C)

Shelf life: minimum 24 months

Liquid form: Store in closed original container at temperatures

(+5 °C to +28 °C); Avoid frost. Shelf life: minimum 6 month

Alternative Products: BIOMERE – range of melting point from 60°C to 140°C

See www.DEUREX.com

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