



BIOMER® 129

TECHNICAL INFORMATION

Product Family:	<u>BIOMERE – biodegradable waxes</u>
Product Description:	Hardwax, modified, dry oxidized, branched chains
Benefits:	Biodegradable high 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*:	130 – 135 °C	LV 12 (DGF M-III 3)
Viscosity wax:	< 2.000 mPas	LV 2 (DIN ISO 3104)
Acid value:	23 – 27 mgKOH/g	DIN ISO 2114
Penetration:	< 2 mm*10 ⁻¹	LV 4 (DIN 51579)

BIOMER® 129 P

Form of delivery: Powder

BIOMER® 129 M

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

BIOMER® 129 D

Form of delivery:	Dispersion, water-based wax	
Particle size, Disp:	50 % < 7 µm	LV 15 (DIN ISO 13320)
Solid content, Disp*:	49 – 51 %	LV 6 (DIN ISO 787-2)

BIOMER® 129 E

Form of delivery:	Emulsion, water-based wax	
Particle size, Emul:	50 % < 200 nm	LV 15 (DIN ISO 13320)
Solid content, Emul*:	34 – 36 %	LV 6 (DIN ISO 787-2)

BIOMER® 129 O

Form of delivery:	Dispersion, oil-based wax	
Particle size, Disp:	50 % < 8 µm	LV 15 (DIN ISO 13320)
Solid content, Disp*:	18 – 20 %	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