



BIOMER® 129

TECHNICAL INFORMATION

Product Family: [BIOMERE – biodegradable waxes](#)

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*:	130 – 135 °C	ASTM D 3954
Viscosity:	< 2.000 mPas	ISO 3219
Acid value:	23 – 27 mgKOH/g	ASTM D 1386
Penetration:	< 2 mm*10 ⁻¹	ASTM D 1321

BIOMER® 129 P

Form of delivery: Powder

BIOMER® 129 M

Form of delivery: Micronized powder
Particle size*: 50 % < 10 µm ISO 13320

BIOMER® 129 D

Form of delivery: Dispersion, water-based wax
Particle size, Disp: 50 % < 7 µm ISO 1524
Solid content, Disp*: 49 – 51 % IR Moisture-Analyzer

BIOMER® 129 O

Form of delivery: Dispersion, oil-based wax
Particle size, Wax*: 50 % < 10 µm ISO 13320
Solid content, Disp: 18 – 20 %

**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