

BIOMER 129

TECHNICAL INFORMATION

Product Family:	BIOMER – biodegradable waxes
Product Description:	Hardwax, modified, dry oxidized, branched chains
Benefits:	SPM-free, biodegradable, high melting wax to prevent the formation of micro plastics
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 D10 Form of delivery: Dispersion, water-based wax
Particle size, Disp: 50 % < 7 µm ISO 1524
Solid content, Disp*: 44 – 48 % 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 +30 °C); Avoid frost.
Shelf life: minimum 6 month

Further Information: Application, Properties, alternative Products:
BIOMER 129 P: <https://www.deurex.com/productsearch/BIOMER-129-P/>
BIOMER 129 M: <https://www.deurex.com/productsearch/BIOMER-129-M/>
BIOMER 129 D10: <https://www.deurex.com/productsearch/BIOMER-129-D10/>
BIOMER 129 O: <https://www.deurex.com/productsearch/BIOMER-129-O/>

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