



BIOMER® 129

TECHNICAL INFORMATION

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| 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

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

BIOMER® 129 D

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| 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

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| 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

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|-----------------------|---------------------------|-----------------------|
| 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*

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| 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