

BIOMER 116

TECHNICAL INFORMATION

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| Product Family: | <u>BIOMER – biodegradable waxes</u> |
| Product Description: | Hardwax, modified, non-polar, branched chains |
| Benefits: | 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*: | 104 – 119 °C | ASTM D 3954 |
| Viscosity (140°C): | < 40 mPas | ISO 3219 |
| Penetration: | < 7 mm*10 ⁻¹ | ASTM D 1321 |

BIOMER 116 K Form of delivery: Fine granules

BIOMER 116 M Form of delivery: Micronized powder
Particle size*: 50 % < 10 µm ISO 13320

BIOMER 116 O Form of delivery: Dispersion, oil-based wax
Particle size wax*: 50 % < 8 µm ISO 13320
Solid content, Disp: 34 – 36 %

**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 months |

Further Information: Application, Properties, alternative Products:
BIOMER 116 K: <https://www.deurex.com/productsearch/BIOMER-116-K/>
BIOMER 116 M: <https://www.deurex.com/productsearch/BIOMER-116-M/>
BIOMER 116 O: <https://www.deurex.com/productsearch/BIOMER-116-O/>

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