



## **BIOMER® 88**

**TECHNICAL INFORMATION** 

Product Family: BIOMERE – biodegradable waxes

Product Description: Hybrid wax, lipide, oxidized, bio-based

Benefits: Biodegradable medium 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: Yellowish

 Typical value
 Method

 BIOMER® 88
 Drop point wax\*:
 95 - 102 °C
 ASTM D 3954

 Viscosity (140°C):
 < 20 mPas</td>
 ISO 3219

 Acid value:
 < 10 mg KOH/g</td>
 ASTM D 1386

 Penetration:
 < 3 mm\*10-1</td>
 ASTM D 1321

HLB-Value: 13

BIOMER® 88 G Form of delivery: Granules

BIOMER® 88 MForm of delivery:Micronized powderParticle size\*:98 % < 20 μm</td>ISO 13320

Typical particle size: 50 % ~ 8 µm

BIOMER® 88 D Form of delivery: Dispersion, water-based wax

Particle size, Disp\*:  $98 \% < 8 \mu m$  ISO 1524

Solid content, Disp\*: 42 – 44 % IR Moisture-Analyzer

\*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: See <u>www.DEUREX.com - BIOMER</u>

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