

## BIOMER 88

### TECHNICAL INFORMATION

<b>Product Family:</b>	<b><u>BIOMER – biodegradable waxes</u></b>
<b>Product Description:</b>	Hybrid wax, lipide, oxidized, bio-based
<b>Benefits:</b>	Biodegradable medium melting wax to prevent the formation of micro plastics
<b>Biodegradability:</b>	Raw material is biodegradable according to the test method OECD 301 B
<b>Technical Data:</b>	Colour: Yellowish

	Typical value	Method	
<b><u>BIOMER 88</u></b>	Drop point wax*:	95 – 102 °C	ASTM D 3954
	Viscosity (140°C):	< 20 mPas	ISO 3219
	Acid value:	< 10 mg KOH/g	ASTM D 1386
	Penetration:	< 3 mm*10 <sup>-1</sup>	ASTM D 1321
	HLB-Value:	13	
<b><u>BIOMER 88 G</u></b>	Form of delivery:	Granules	
<b><u>BIOMER 88 M</u></b>	Form of delivery:	Micronized powder	
	Particle size*:	98 % < 20 µm	ISO 13320
	Typical particle size:	50 % ~ 8 µm	
<b><u>BIOMER 88 D</u></b>	Form of delivery:	Dispersion, water-based wax	
	Particle size, Disp*:	98 % < 8 µm	ISO 1524
	Solid content, Disp*:	42 – 44 %	IR Moisture-Analyzer

*\*part of certificate of analysis*

<b>Storage, Shelf life:</b>	<b>Solid form:</b>	Dry storage. Store at temperatures (+5 °C to +28 °C) Shelf life: minimum 24 months
	<b>Liquid form:</b>	Store in closed original container at temperatures (+5 °C to +28 °C); Avoid frost. Shelf life: minimum 6 month

<b>Further Information:</b>	Application, Properties, alternative Products: BIOMER 88 G: <a href="https://www.deurex.com/productsearch/biomer-88-g/">https://www.deurex.com/productsearch/biomer-88-g/</a> BIOMER 88 M: <a href="https://www.deurex.com/productsearch/biomer-88-m/">https://www.deurex.com/productsearch/biomer-88-m/</a> BIOMER 88 D: <a href="https://www.deurex.com/productsearch/biomer-88-d/">https://www.deurex.com/productsearch/biomer-88-d/</a>
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