DEUREX
THE WAX COMPANY

BIOMER 87-Series

TECHNICAL INFORMATION

Product Family: BIOMER – biodegradable waxes

Product Description: Lipide, oxidized, branched chains, bio-based

Benefits: SPM-free, biodegradable low melting wax to reduce environmental impact

Biodegradability: Raw material is biodegradable according to the test method OECD 301 B

Technical Data:

Colour: Yellow

		Typical value	Method
BIOMER 87-Series	Acid value:	2 – 8 mg KOH/g	ASTM D 1386
	HLB-Value:	7,3	DEUREX Method
	Form of delivery:	Micronized powder	
BIOMER 87 M15	Particle size*:	98 % < 15 µm	ISO 13320
	Typical particle size:	50 % ~ 10 µm	ISO 13320
	Drop point:*	80 – 88 °C	ASTM D 3954
BIOMER 87 M30 (Formerly BIOMER 87 M)	Particle size*:	98 % < 30 µm	ISO 13320
	Typical particle size:	50 % ~ 12 µm	ISO 13320
	Drop point:*	80 – 88 °C	ASTM D 3954
BIOMER 87 E	Form of delivery:	Liquid	
	Colour:	Light yellow opaque	
	Solid content*:	29 – 31 %	IR Moisture-Analyzer
	pH-value*:	4 – 7	pH-electrode

**part of certificate of analysis*

Further Information: The respective product name links directly to its applications, properties and alternative products.

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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