BIOMER 140-Series

TECHNICAL INFORMATION

Product Family: BIOMER – biodegradable waxes

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

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

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

Technical Data: Colour: White

		Typical value	Method
BIOMER 140-Series	Drop point*:	140 – 150 °C	ASTM D 3954
	Viscosity (150 °C):	< 20 mPas	ISO 3219
	Acid value:	3 – 8 mgKOH/g	ASTM D 1386
	Penetration:	< 4 mm*10^{-1}	ASTM D 1321
	HLB-Value:	4,3	DEUREX Method
BIOMER 140 K	Form of delivery:	Fine granules, prills	
BIOMER 140 P	Form of delivery:	Powder	
	Form of delivery:	Micronized powder	
BIOMER 140 M10 (Formerly BIOMER 140 M)	Particle size*:	98 % < 10 µm	ISO 13320
	Typical particle size:	50 % ~ 3 µm	ISO 13320
BIOMER 140 M18	Particle size*:	98 % < 18 µm	ISO 13320
	Typical particle size:	50 % ~ 5 µm	ISO 13320

**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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