DEUREX
THE WAX COMPANY

BIOMER 131 E

TECHNICAL INFORMATION

Chemical description:

Transparent water-based emulsion of a biodegradable wax

Applications:

For "transparent" end products like
- Transparent water-based paints, coatings and printing inks
- Transparent water-based lubricant and release agent
- Transparent finishing auxiliaries for textiles, paper, leather and polish

Properties:

- Increased slip and scratch resistance
- Outstanding abrasion resistance
- Increase of surface gloss and surface smoothness
- Very good blocking resistance and water repellency
- Reduced coefficient of friction
- Anti-caking additive for thermoplastics
- High hardness
- VOC free, APEO free, Formaldehyde free

Biodegradability:

- BIOMER 131 is biodegradable according to the test method OECD 301 B

Processing:

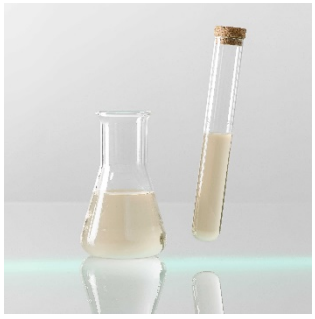
- Stir well before usage
- Consume quickly after opening

Storage, shelf life:

- Store at temperatures between +5 °C and +28 °C
- Shelf life 6 month in closed original container,
- Avoid frost

Technical data:

Colour: Transparent
Form of delivery: Liquid
IBC 1,000 kg, Drum 200 kg, Canister 10 kg



	Minimum	Maximum	Method
Drop point (solid):	130 °C	135 °C	ASTM D 3954
Average particle size:	50 nm	100 nm	ISO 13320
Solid content*:	34 %	36 %	IR Moisture-Analyzer
Viscosity (23°C):		20 mPas	ISO 2555
Emulsifier system:	non-ionic		
pH-value*:	9.0	10.0	pH-electrode

** part of certificate of analysis*

Further Information:

Application, Properties, alternative Products:
https://www.deurex.com/productsearch/BIOMER-131-E/

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.

DEUREX AG
Dr.-Bergius-Straße 8-12
D-06729 Elsteraue

T.:+49 (0) 03441/8 29 29 29
F.:+49 (0) 03441/8 29 29 28
info@deurex.com / www.deurex.com