

BIOMER 131 E

TECHNICAL INFORMATION

- Chemical description:** Transparent biodegradable water-borne emulsion
- 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 E 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/>

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