

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 inksTransparent water-based lubricant and release agent

- Transparent finishing auxiliaries for textiles, paper and leather

Properties: - Increased slip and scratch resistance

- Outstanding abrasion resistance

Increase of surface gloss and surface smoothnessVery 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 $^{\circ}$ C and +28 $^{\circ}$ 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
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^{*} part of certificate of analysis

Alternative Products: BIOMERE – range of melting point from 60°C to 140°C

See www.DEUREX.com/products

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