

## BIOMER® 100 E

### TECHNICAL INFORMATION

- Chemical description:** Biodegradable water-based wax emulsion
- Applications:**
- Water-based paints, coatings and printing inks
  - Water-based lubricant and release agent
  - Finishing auxiliaries for textiles, paper and leather
  - Care products (polishes)
  - Hotmelts
- 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® 100 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: White milky  
Form of delivery: Liquid  
IBC 1,000 kg, Drum 200 kg, Canister 10 kg



	Minimum	Maximum	
Drop point (solid):	100 °C	113 °C	ASTM D 3954
Average particle size:	200 nm	500 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

**Alternative Products:**

**BIOMERE** – range of melting point from 60°C to 140°C  
See [www.DEUREX.com/products](http://www.DEUREX.com/products)