

BIOMER® 100 E

	TECHNICAL INFORMATION				
Chemical description:	Biodegradabe 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: Form of delivery:	White milky Liquid IBC 1,000 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

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