## **BIOMERE** biodegradable waxes

## **BIOMER® 129 E**

	TECHNICAL INFOR	TECHNICAL INFORMATION			
Chemical description:	Biodegradable water-borne emulsion				
Applications:	<ul> <li>Water-based paints, coatings and printing inks</li> <li>Water-based lubricant and release agent</li> <li>Water-based overprint varnishes and flexographic printing inks</li> <li>Finishing auxiliaries for textiles, paper and leather</li> <li>Care products (polishes)</li> <li>Hotmelts</li> </ul>				
Properties:	<ul> <li>Increased slip and scratch resistance</li> <li>Outstanding abrasion resistance</li> <li>Increase of surface gloss and surface smoothness</li> <li>Very good blocking resistance and water repellency</li> <li>Reduced coefficient of friction</li> <li>Anti-caking additive for thermoplastics</li> <li>High hardness</li> <li>VOC free, APEO free, Formaldehyde free</li> </ul>				
Biodegradability:	- BIOMER <sup>®</sup> 129 E is biodegradable according to the test method OECD 301 B				
Processing:		<ul> <li>Stir well before usage</li> <li>Consume quickly after opening</li> </ul>			
Storage, shelf life:		<ul> <li>Store at temperatures between +5 °C and +28 °C</li> <li>Shelf life 6 month in closed original container,</li> <li>Avoid frost</li> </ul>			
Technical data:	Colour: Form of delivery:	Liquid	Yellow opaque Liquid IBC 1,000 kg, Drum 200 kg, Canister 10 kg		
		Minimum	Maximum	Method	
	Drop point (solid):	130 °C	135 °C	ASTM D 3954	
B	Average particle size	e: 50 nm	200 nm	ISO 13320	
	Solid content*:	34 %	36 %	IR Moisture-Analyzer	
	Viscosity (23°C):		20 mPas	ISO 2555	
	Emulsifier system:	non-ionic			
	pH-value*:	8.0	10.0	pH-electrode	
	* part of certificate of analy	rsis			

**Alternative Products:** 

**BIOMERE** – range of melting point from 60°C to 140°C See www.DEUREX.com/products

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.

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