

BIOMER 87 E

TECHNICAL INFORMATION

Chemical description:	Biodegradable water-based carnauba wax emulsion		
Applications:	<ul style="list-style-type: none"> - Water-based paints, coatings and printing inks - Water-based lubricant and release agent - Water-based overprint varnishes and flexographic printing inks - Finishing auxiliaries for textiles, paper, leather and polish - Care products (polishes) - Food coating (glazing and coating agents) 		
Properties:	<ul style="list-style-type: none"> - 100% bio-based wax raw material - Food additive (E 903) accordance regulation (EC) 1333/2008 (carnauba wax) - Coating agent for surface treatment (glazing and anti-caking function) - All raw materials are of plant origin - No use of MIT/BIT - Increased slip - Increased abrasion and scratch resistance - Anti-blocking agent - Improved polishability - VOC free, APEO free, Formaldehyde free 		
Biodegradability:	- BIOMER 87 E is biodegradable according to the test method OECD 301 B		
Processing:	<ul style="list-style-type: none"> - Stir well before usage - Consume quickly after opening 		
Storage, shelf life:	<ul style="list-style-type: none"> - Store at temperatures between +5 °C and +28 °C - Shelf life 6 month in closed original container, - Avoid frost 		
Technical data:	Colour:	Yellow opaque	
	Form of delivery:	Liquid IBC 1,000 kg, Drum 200 kg, Canister 10 kg	
	Drop point (wax):	Minimum 80 °C	Maximum 88 °C Method ASTM D 3954
	Average particle size:	50 nm	200 nm ISO 13320
	Solid content*:	29 %	31 % IR Moisture-Analyzer
	pH-value*:	4.0	7.0 pH-electrode
	Emulsifier system:	non-ionic	
	* part of certificate of analysis		
Approvals:	Food contact approvals		
Further Information:	Application, Properties, alternative Products: https://www.deurex.com/productsearch/BIOMER-87-E/		

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