

## DEUREX® TP 590 BIO

### TECHNICAL INFORMATION

**Chemical description:** Biodegradable water-based wax emulsion of the sugar cane wax **DEUREX® X 52**

**Applications:**

- Coatings and printing inks
- Matting agent, increased grip
  - Improved water repellency and weather resistance
- Care products and polishes
- Improved polishability, water and weather resistance, surface protection
- Functional coatings and textile industry
- Blocking resistance, increased slip and scratch resistance
- Paper industry
- Water repellency, blocking resistance, increased slip and scratch resistance
- Leather industry
- Improves abrasion resistance
  - Slight matting
  - Very good polishability
  - Perfect haptic
- Fertilizer industry
- Coating of fertilizers, natural retarding agent
- Seed coating
- Improved wetting of seeds
  - Enhanced surface smoothness and anti-blocking ability
  - Improved pourability/plantability of seeds
  - Increased abrasion resistance

- Benefits:**
- The renewable raw material DEUREX® X 52 is biodegradable and compostable according to DIN EN 13432
  - Easy to dose, sprayable and dilutable
  - Very fine particle size (100 - 200 nm)
  - Low foaming

**Technical data:**

Colour: Natural amber color  
 Form of delivery: Liquid  
 Packaging: IBC 1,000 kg, Drum 200 kg, Canister 10 kg

	Minimum	Maximum	Method
Solid content*:	34 %	36 %	LV 6
Emulsifier system:	anionic		
pH-value*:	5.0	7.0	LV 10 DIN ISO 976

\* part of certificate of analysis, solid content can be adjusted by customer request

- Processing:**
- Stir well before usage, consume quickly after opening

- Storage, shelf life:**
- Store at temperatures between +5 °C and +28 °C, avoid frost
  - Shelf life 6 months in closed original container

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