

## DEUREX® T 39

### TECHNICAL INFORMATION

- Chemical description:** Modified Fischer Tropsch wax
- Applications:**
- Hot melts  
Reduction of open time, improved adhesion, no stringing
  - PVC  
External lubricant, surface protection
  - Rubber  
Lubricant, release agent
  - Raw material to produce micronized waxes  
Paints and coatings  
Increased scratch resistance and slip
- Benefits:**
- Crystalline wax with very narrow C-chain distribution
  - Very fast solidification point at 100 °C
  - AIR CLASSIFICATION PROCESS with particle size < 150 µm (DEUREX T 39 A)

**Technical data:**

Colour: White / Off-white  
 Delivery forms: **DEUREX® T 39 G** = Granules  
**DEUREX® T 39 K** = Fine granules  
**DEUREX® T 39 A** = Finest powder, < 150 µm

	Minimum	Maximum	Method
Drop point*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Acid value:		0 mg KOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		20 mPas	LV 2 (DIN EN ISO3104)
Penetration (25 °C):		2 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

\* Part of certificate of analysis

**Approvals:** DEUREX® T 39 is approved for the production of commodities intended to come into contact with food.

EU: Regulation (EU) 10/2011 dated 14. January

FRG: BfR recommendation XXV

USA: FDA 21 CFR §§ 175.105, 175.250, 175.300, 175.320, 176.170,  
176.180, 177.1200, 177.1390

(Approvals with regard to limitations and migration values in the final application)

**Alternative delivery forms:**

- DEUREX® T 3901 W** – Water-based emulsion, 98% < 1 µm
- DEUREX® T 3908 W** – Water-based dispersion, 98% < 8 µm
- DEUREX® T 3912 O** – Oil-based dispersion
- DEUREX® T 3915 M** – Micronized powder, 98% < 15 µm
- DEUREX® T 3920 M** – Micronized powder, 98% < 20 µm
- DEUREX® T 3925 M** – Micronized powder, 98% < 25 µm
- DEUREX® TO 81 G** – Hydrophilic oxidized FT-wax

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.  
 © - registered trademark by DEUREX