

DEUREX® T 39

TECHNICAL INFORMATION

Chemical description:

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)*:		1 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³	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
- DEUREX® T 3912 O** – Oil-based dispersion
- DEUREX® T 3915 M** – Micro-sized powder, < 15 µm
- DEUREX® T 3920 M** – Micro-sized powder, < 20 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.

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