

## DEUREX® T 49 G

### TECHNICAL INFORMATION

- Chemical description:** Fischer-Tropsch wax
- Applications:**
- Hot melts
    - Adjustment of open time
    - Improved Adhesion, no stringing
  - PVC
    - External lubricant
  - Rubber
    - Protection against sun light an ozone
  - 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 105 °C

**Technical data:**

Colour: White  
Delivery forms: **DEUREX® T 49 G** = Granules

	Minimum	Maximum	Method
Drop point*:	112 °C	120 °C	LV 12 (DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		20 mPas	LV 2 (DIN EN ISO3104)
Penetration:		1 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 49 G 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 form:**
- DEUREX® T 4915 M** – Micro-sized powder, < 15 µm  
**DEUREX® TO 81 G** – Hydrophilic oxidized FT-wax