

DEUREX® T 49 G

TECHNICAL INFORMATION

Chemical description:	Fischer Tropsch wax
Applications:	<u>PVC and other plastics</u> - Can be used in all U-PVC and P-PVC applications but also in C-PVC
Properties:	External wax, highly effective which - Delays fusion - Decreases torque and pressure - Decreases melt temperature - Improves gloss of final product
Typical dosages:	Depending on the rheological requirements up to 0.5 phr
Benefits:	- Crystalline wax with very narrow C-chain distribution - Very fast solidification point at 100 °C
Technical data:	Colour: White / Off-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 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 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)
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Additional lubricants:	DEUREX® E 11 K – Homopolymerized PE-Wachs DEUREX® E 40 K – Oxidized LDPE wax DEUREX® EO 44 K – Oxidized HDPE wax DEUREX® TO 80 G – Oxidized Fischer Tropsch wax (Hardparaffin)
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Alternative delivery forms:	DEUREX® T 3901 W – Water-based emulsion
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