

## **DEUREX® TO 80 G**

TECHNICAL INFORMATION

Chemical description: Oxidized Fischer-Tropsch-wax

**Applications:** PVC and other plastics

Can be used in all U-PVC and P-PVC applications but also in C-PVC

**Properties:** Partially internal and external wax, highly effective which

Accelerate fusion,

Decreases torque and increases pressure

Synergistic effect in combination with non-polar PE waxes

by reduction of melt viscosity

Useful in combination with tin stabilisers

Typical dosages: Depending on the rheological requirements

Up to 0.5 phr in combination with calcium-zinc

Up to 1.0 phr in combination with tin

Technical data: Colour: Off-white

**DEUREX TO 80 G** = Granules Delivery form:

	Minimum	Maximum	Method
Drop point*:	115 °C	120 °C	LV 12
			(DGF M-III 3)
Acid value*:	2 mgKOH/g	4 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C):		20 mPas	LV 2 (DIN EN ISO3104)
Penetration:		1.0 mm*10 <sup>-1</sup>	LV 4
			(DIN 51579)
Density (23 °C):	0.94 g/cm³	0.95 g/cm³	LV 3 (DIN FN ISO 1183)

<sup>\*</sup> Part of certificate of analysis

**Additional lubricants: DEUREX® E 11 K** – Homopolymered PE-Wachs

> **DEUREX® EO 40 K** – Oxidized LDPE wax **DEUREX® EO 44 K** – Oxidized HDPE wax **DEUREX® T 39 K** – Fischer-Tropsch-wax

Alternative delivery form: **DEUREX® T 3901 W** – Fischer-Tropsch-wax emulsion

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