

DEUREX® TO 80 G

TECHNICAL INFORMATION

- Chemical description:** Oxidized linear structured 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
Delivery form: **DEUREX TO 80 G** = Granules

	Minimum	Maximum	Method
Congealing point*:	97 °C	103 °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 ⁻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

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