

DEUREX® TO 84 G

TECHNICAL INFORMATION

Chemical description: Oxidized Fischer-Tropsch-wax

Benefits: - Wax with a hydrophilic character

Applications: Production of water-based emulsions and dispersions for:

- Textile industry (improved sewability and cutting of textiles)
- Care products (hydrophobing, gloss, hardness)
- Water-based coatings (slip, abrasion and scratch resistance)
- Water-based printing inks (slip, abrasion and scratch resistance)
- Paper industry (hydrophobing, tensile strength, stability)
- Polishes (surface improvement)
- Leather (surface improvement, hydrophobing)
- Anti-corrosive agent

Technical data: Colour: Light-yellow
Delivery form: **DEUREX TO 84 G** = Granules

	Minimum	Maximum	Method
Drop point*:	96 °C	107 °C	LV 12 (DGF M-III 3)
Acid value*:	35 mgKOH/g	45 mgKOH/g	DIN EN ISO 2114
Saponification value:	75 mgKOH/g	115 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C):		20 mPas	LV 2 (DIN EN ISO3104)
Penetration:		6.0 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

Alternative delivery forms: **DEUREX® TO 8120 M** – Micronized powder, 98% < 20 µm
DEUREX® TO 8201 W – Oxidized Fischer-Tropsch-wax emulsion, 98 % < 1 µm

Alternative products: **DEUREX® TO 80 G** – Oxidized Fischer-Tropsch-wax with acid value 2 – 4
DEUREX® TO 81 G – Oxidized Fischer-Tropsch-wax with acid value 5 – 10
DEUREX® TO 82 G – Oxidized Fischer-Tropsch-wax with acid value 15 – 20
DEUREX® TO 83 G – Oxidized Fischer-Tropsch-wax with acid value 25 - 35