

## **DEUREX® TO 84 G**

TECHNICAL INFORMATION

Chemical description: Oxidized Fischer-Tropsch-wax

**Benefits:** - Wax with a hydrophilic character

**Applications:** <u>Production of water-based emulsions and dispersions for:</u>

- 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 ℃	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 <sup>-1</sup>	LV 4
			(DIN 51579)
Density (23 °C):	0.94 g/cm³	0.95 g/cm³	LV 3 (DIN EN ISO 1183)

<sup>\*</sup> 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

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