

## DEUREX<sup>®</sup> TO 83 G

### TECHNICAL INFORMATION

- Chemical description:** Oxidized Fischer-Tropsch-wax
- Benefits:**
- Hard and scratch-resistant 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: Off-white  
Delivery form: **DEUREX TO 83 G= Granules**

	Minimum	Maximum	Method
Drop point*:	101 °C	110 °C	ASTM D 3954
Acid value*:	25 mgKOH/g	35 mgKOH/g	ASTM D 1386
Viscosity (140 °C):		20 mPas	ISO 3219
Penetration:		4.0 mm*10 <sup>-1</sup>	ASTM D 1321
Density (23 °C):	0.94 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	ISO 1183

\* Part of certificate of analysis

**Alternative products:**

See <https://www.deurex.com/productsearch/DEUREX-TO-83-G/>