

DEUREX[®] TO 81 G

TECHNICAL INFORMATION

- Chemical description:** Oxidized Fischer-Tropsch-wax
- Benefits:**
- Extremely 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
- Hot melts
- Shortening the open time, increased adhesion, no stringing
 - Reduced amount of bonding agents
- Masterbatch
- Dispersing agent for hydrophilic pigments

Technical data:

Colour: Off-white
Delivery form: **DEUREX TO 81 G** = Granules

	Minimum	Maximum	Method
Drop point*:	104 °C	114 °C	ASTM D 3954
Acid value*:	5 mgKOH/g	10 mgKOH/g	ASTM D 1386
Viscosity (140 °C):		20 mPas	ISO 3219
Penetration:		1.0 mm*10 ⁻¹	ASTM D 1321
Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³	ISO 1183

* Part of certificate of analysis

Alternative products:

<https://www.deurex.com/productsearch/DEUREX-TO-81-G/>