DEUREX® TO 19 G

TECHNICAL INFORMATION

Chemical description: Hydrophilic oil-free hard paraffin

Benefits:
- Neutral in the formulation, hdroplic character
- Free of fatty acid based components
- High flexibility
- APEO free, PTFE free and VOC free

Application:

Form giving process, Technical Cable compounds (EPDM mainly)
- Suphure and Peroxide vulcanisation, sponge compounds

Plastics industry, e.g. compounds
- Extrusion and injection molding

Rubber industry
- Ozone protection wax
- Non blooming

Production of water-based emulsions and dispersions for:
- Textile industry (improved sewability and cutting of textiles)
- Care products (hydrophobing, gloss)
- Paper industry (hydrophobing, tensile strength, stability)
- Polishes (surface improvement)
- Leather (surface improvement, hydrophobing)
- Anti-corrosive agent

Properties:
- UV and temperature stable
- Light compounds, improving dispersion of mineral filler
- Improving reology and surface lubricity in extruder
- Improving mould flow properties

Technical data:

Colour: White / Light yellow
Delivery form: Granules

	Minimum	Maximum	Method
Drop point*:	90 °C	98 °C	LV 12 (DGF M-III 3)
Acid value*:	20 mgKOH/g	25 mgKOH/g	DIN EN ISO 2114
Ash:		0,08 g / 100 g	
Viscosity (140 °C)*:		20 mPas	LV 2 (DIN EN ISO 3104)
Penetration*:		30.00 mm*10^{-1}	LV 4 (DIN 51579)
Density (23 °C):	0.85 g/cm³	0.90 g/cm³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis

Alternative product: **DEUREX® TO Series** - Oxidized Fischer-Tropsch waxes with different acid numbers, congealing point and penetration

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