

DEUREX® TO 82 G

| | TECHNICAL INFORMATI | TECHNICAL INFORMATION | | | |
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| 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 <u>Hot melts</u> Shortening the open time, increased adhesion, no stringing Reduced amount of bonding agents | | | | |
| Technical data: | Colour: Delivery form: | Off-white DEUREX TO 82 (| D 82 G = Granules | | |
| | | Minimum | Maximum | Method | |
| | Drop point*: | 111 °C | 116°C | LV 12 (DGF M-III 3) | |
| | Acid value*: | 15 mgKOH/g | 20 mgKOH/g | DIN EN ISO 2114 | |
| | Saponification value: | 30 mgKOH/g | 50 mgKOH/g | DIN EN ISO 2114 | |
| | Viscosity (140 °C): | | 20 mPas | LV 2 (DIN EN ISO3104) | |
| | Penetration: | | 2.0 mm*10-1 | LV 4 (DIN 51579) | |
| | Density (23 °C): | 0.94 g/cm ³ | 0.95 g/cm³ | 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 83 G – Oxidized Fischer-Tropsch-wax with acid value 25 – 35 DEUREX® TO 84 G – Oxidized Fischer-Tropsch-wax with acid value 35 - 45 | | | | |

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