

## Product Data Sheet

# NewPro TEX 505 NA Textile Impregnation against Water-, Oil and Soil Protection

### Application fields

Textile impregnation to achieve water-, oil and soil repellant properties

### Properties of NewPro TEX 505

- the finish with **NewPro TEX 505 NA** creates a permanent, transparent, ultrathin layer on textiles which makes the fabric resistant against water, oil and soil.
- **NewPro TEX 505 NA** is mainly used on PES and synthetically fibers.
- **NewPro TEX 505 NA** is a concentrated product; already with very low using amounts there can be achieved very good water, oil and soil repellant effects.

### Chemical characteristic

Fluorine containing polymers with special additives

### Technical datas

<b>Form of delivery:</b>	aqueous white liquid
<b>Ionicity:</b>	cationic
<b>Specific gravity:</b>	approx. 1.0
<b>Viscosity:</b>	approx. 1.0 – 2,0 mPas at 20 °C
<b>Shelf life:</b>	1 year in original packaged drums, in case of exceeding the shelf life the quality must be check again. Protect against frost, heat and moisture.

### Application

#### Pretreatment of the substrate

The material has to be dry and free of textile auxiliaries like lubricants or finishes.

#### Application procedures

**NewPro TEX 505 NA** was exclusively developed for Foulard application.

In case of other methods like exhaust or spray application the performance of **NewPro TEX 505 NA** had to be tested by preliminary trials.

### Using amount

The optimum using amount is 40 – 80 g/l **NewPro TEX 505 NA** and has to be adjusted to the specific substrate by preliminary tests.

### Application parameters

**pH-value of the application liquor:** 4 – 5 (if necessary adjusting with 0,5 – 1,0 ml/l acetic acid 60%)

**Pick up:** 100 - 120 %

**Drying:** 100 – 130 °C

**Fixing:** 150 °C, 1 – 2 min

### Evidence of effectivity

The effectivity of NewPro TEX 505 NA can immediately be evaluated by the „drop test“. For this water is dropped onto the finished material. In case of proper application of NewPro TEX 505 NA no aqueous layer is created on the fabric and water collects into drops. When the water drops do not roll off from the fabric it might be possible that the fixing procedure has not been finished completely and it had to be post fixed.