

**FINISHING**

# **BAYPRET<sup>®</sup> NANO-PU**

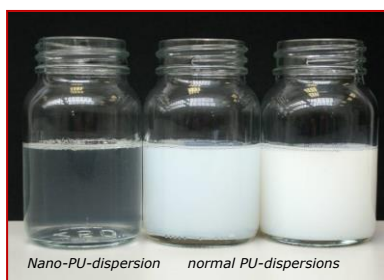
Modifying the very DNA of textile

# BAYPRET<sup>®</sup> NANO-PU

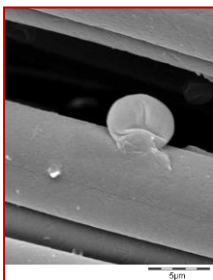
**BAYPRET<sup>®</sup> NANO-PU is TANATEX's most versatile finishing product, based on a nano-dispersion self-crosslinking polyether polyurethane.**

**BAYPRET<sup>®</sup> NANO-PU** will penetrate deeper into the fabric and forms a film around and between the fibres. This will give unique properties and application possibilities:

- ✧ special handle modifications
- ✧ anti-pilling treatments
- ✧ resin treatment
- ✧ increased durability of selected softeners, BAYSCENT<sup>®</sup>'s and resin finishes



Appearance of BAYPRET<sup>®</sup> NANO-PU-disp versus normal PU-dispersions



BAYPRET<sup>®</sup> NANO-PU used as durability enhancer for BAYSCENT<sup>®</sup>

## TANATEX' ROAD TO SUSTAINABILITY

**BAYPRET<sup>®</sup> NANO-PU** new generation of polyurethanes does not contain any formaldehyde, co-solvents like DMF, MEK, NMP and NEP or even Organotin.

**BAYPRET<sup>®</sup> NANO-PU** will meet all your MRSL and RSL needs, following TANATEX' strict environmental and sustainability programmes.

The unique properties of **BAYPRET<sup>®</sup> NANO-PU** allows for upgrading a resin finish. By replacing up to 40% of the resin with the **BAYPRET<sup>®</sup> NANO-PU**, the results are:

- ✧ reduction in formaldehyde/formaldehyde free
- ✧ lower strength-loss
- ✧ improved durability of soft handle
- ✧ advanced durable wrinkle free properties (at least 20 washes!), which can be shown by wrinkle recovery angle and smoothness appearance
- ✧ improved abrasion resistance

## Examples:

### Tear strength (g/cm)

100% Co plain woven fabric

