



PRE-TREATMENT & FWA's

TANNEX[®] NOVECO

ECOlogical multi-purpose compound

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CHEMICALS 

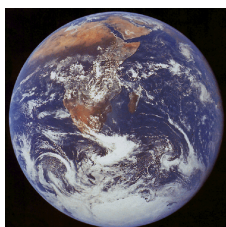
Introduction

Our earth is a very important supplier of raw materials for all kinds of industries.

From these possible sources TANATEX Chemicals has chosen minerals for the development of special textile auxiliaries.

Since decades we are successfully launching mineral based products in all kinds of textile applications, for example:

- * TANNEX® GEO
- * TANNEX® BFD
- * TANNEX® RENA liquid 01
- * TANATERGE® ELB
- * TANATERGE® M-RE
- * TANASPERSE® MDA 01



Product Requirements

The complexity of today's textile processing requires, more than ever, strong multi-purpose products dealing with all kinds of circumstances like environmental legislation, automatic dosing systems and new machine developments (low liquor ratio).

To meet all these requirements TANATEX Chemicals has developed:

TANNEX® NOVECO

TANNEX® NOVECO is a new multi-purpose product for all discontinuous applications such as:

- * Full white bleaching
- * White for dyeing
- * Scouring elastane bands
- * Stripping fluorocarbons

Properties TANNEX® NOVECO

TANNEX® NOVECO is readily soluble in cold water and automatically doseable. It is low foaming, shows good lubrication properties which will prevent crease marks. Furthermore it shows an excellent stabilizing effect and therefore good Dp values. Together with the excellent rewetting properties before dyeing and the high degree of whiteness it offers a multitude of possibilities.

Environmental data

Environmental awareness is nowadays a keyword in modern textile processing. Therefore TANATEX Chemicals is constantly developing new products with a strong focus on the environment, time, water and energy reduction.

TANNEX® NOVECO is based on natural minerals and therefore harmless for the aquatic environment. It shows a high biological elimination rate (>70%), according to the OECD 302B (Zahn Wellens) test method.

International Standards

TANNEX® NOVECO meet all modern requirements concerning environmental guidelines and ecological standards such as Öko-Tex 100 and the EKO label. TANNEX® NOVECO is also GOTS certified.



The components of TANNEX® NOVECO meet with the Restricted Substances Lists (RSL's) of most international brands and retailers.

Recipes

Full white bleaching

Liquor ratio 10 : 1
30 – 40 minutes @ 95° - 110°C

| | |
|-------------|------------------------------------|
| 1 – 2 ml/l | TANNEX® NOVECO |
| 2 – 3.5 g/l | NaOH 100 % |
| 6 – 10 ml/l | H ₂ O ₂ 35 % |
| 0.7 % | BLANKOPHOR® CO Liquid |

White for dyeing

Liquor ratio 10 : 1
30 – 45 minutes @ 95° - 110°C

| | |
|----------------|------------------------------------|
| 0.8 – 1.5 ml/l | TANNEX® NOVECO |
| 1.5 - 3 g/l | NaOH 100 % |
| 2 – 5 ml/l | H ₂ O ₂ 35 % |

Results of bleaching

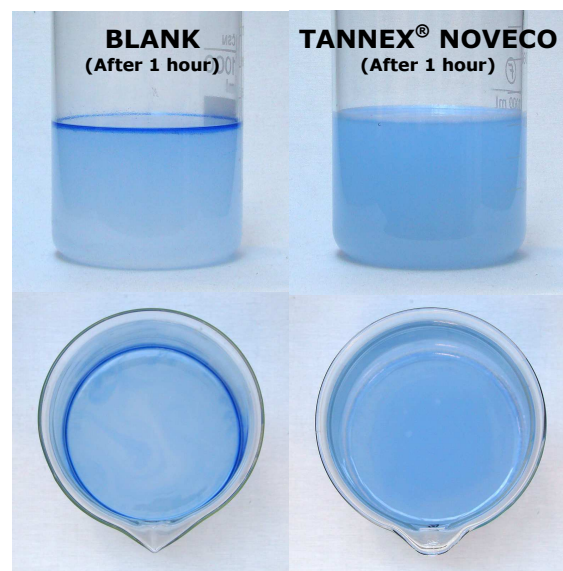
- * Excellent degree of whiteness, especially in combination with Optical Brightening Agents;
- * Very good stabilization resulting in high Dp values;
- * Excellent lubrication and running properties;
- * Good wetting in greige;
- * Very good hydrophilicity / absorbency after bleaching;
- * Very low foaming;
- * Doseable on automatic dosing systems;
- * Very good cleaning and scouring effect for silicone oils.

Doseability

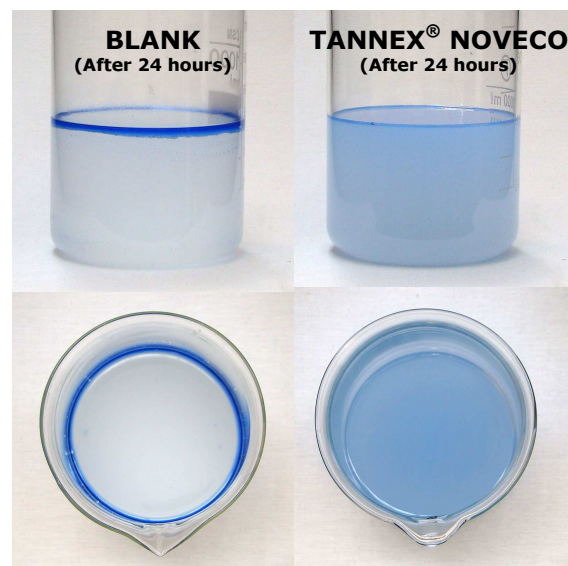
TANNEX® NOVECO has an initial viscosity of approx. 800 mPa·s. Due to special additives the product remains doseable even when viscosity might increase during storage. Very little agitation makes the TANNEX® NOVECO again low viscous.

TANNEX® NOVECO is readily soluble and therefore does not cause any problems in automatic dosing systems in which the pipelines are being rinsed with water before adding the next product.

Silicone emulsifying properties



Emulsion stability after 1 hour



Emulsion stability after 24 hours

**TANNEX® NOVECO:
THE MULTI-PURPOSE MINERAL!**

See also: www.tannex-noveco.com



TANATEX Chemicals B.V.

Einsteinstraat 11
P.O. Box 46
6710 BA Ede
Netherlands

Telephone: +31 318 67 90 11

Fax: +31 318 63 02 36

E-mail: info@tanatexchemicals.com

Internet: www.tanatexchemicals.com