



WE SUSTAINABILITY

WEKO
THE POSITIVE LIST

PRODUCTS FOR WEKO ROTOR APPLICATION SYSTEM

TANATEX Chemicals have teamed up with WEKO and made a selection of finishing products which can be used in the WEKO rotor application system.

TANATEXCHEMICALS.COM

**ADDING PASSION
TO TEXTILES.**

TANATEX[®]
CHEMICALS 

GET TO KNOW OUR PRODUCTS

TANATEX introduces its finishing products specially selected and tested for use in the WEKO rotor application system. TANATEX supports the resource saving technology of WEKO as it complies with our vision of a sustainable future. This list is subject to constant updates.

Antimicrobial agent

Product Description	Ionicity
<p>AEGIS® AEM 5772-5 Broad spectrum antimicrobial liquid additive for fibres and fabrics. Offers long lasting odor control and fabric protection. This is a product of Microban.</p> 	Cationic

Antislipage

Product Description	Ionicity
<p>TANAFINISH™ 40119 Anti-slip agent for all fibre types that enables antipilling and anti-snap finishing.</p>	Cationic

Binders

Product Description	Ionicity
<p>BAYPRET® NANO-PU A special self-crosslinking polyether polyurethane, which is dispersed to a droplet size of less than 100 nm. This makes the BAYPRET® NANO-PU a true nanodispersion. This gives unique application possibilities like special handle modifications, anti-pilling treatments and resin treatment. Furthermore, its unique properties allow the useage of BAYPRET® NANO-PU to upgrade a resin finishing.</p>	Anionic/amphoteric
<p>BAYPRET® USV A self-crosslinking polyether polyurethane polymer which forms a permanent highly elastic film around the fibres. This film is formaldehyde-free. Unlike synthetic resins, BAYPRET® USV does not need a catalyst because it is self-crosslinking. If it is used in combination with synthetic resins these should be crosslinked with weak catalysts such as magnesium chloride or aminohydrochloride. BAYPRET® USV may react to strong catalysts such as zinc nitrate or zinc chloride.</p>	Anionic/amphoteric
<p>EDOLAN® AB Soft aqueous acrylic dispersion for impregnation and coating of (technical) textiles and non-woven.</p>	Anionic

Binders

Product Description	Ionicity
<p>EDOLAN® UC Aqueous polyurethane dispersion for coating of textiles and non-woven.</p>	Anionic
<p>SYNTHAPPRET® BAP 01 Allows permanent additive anti-felt finishing of wool and wool blends without pre-chlorination or oxidative treatment.</p>	Anionic
<p>TANAPUR™ ELAST Highly elastic self-crosslinking polyurethane to upgrade the stretch & recovery properties of textile articles.</p>	Slightly cationic / cationic
<p>TANAPUR™ ONE Soft and flexible self-crosslinking polyurethane to upgrade the quality of your textiles.</p>	Slightly cationic / cationic
<p>TANAPUR™ VELLUTO PU finishing agent that applies unique haptic effects & improved moisture management properties to textiles.</p>	Slightly cationic / cationic

Boosters

Product Description	Ionicity
<p>BAYGARD® FBI Aliphatic booster for use with fluorocarbon products. Optimises the resistance to washing and dry cleaning of water and oil repellent finishes.</p>	Non-ionic

Carpet finishing

Product Description	Ionicity
<p>BAYGARD® AS 01 Dry soil repellent finish and pile stabilisation agent for carpets and other pile fabrics. BAYGARD AS 01 prevents dry soil from binding to fibres. Does not impair pile stability. Suitable for all types of fibres and fibre blends.</p>	Cationic
<p>BAYPROTECT® SR Stain blocker for polyamide carpets. Excellent stain blocker effects to Kool Aid, coffee, tea, red wine, ketchup, several soft drinks and other common domestic spots. High light fastness, no yellowing. BAYPROTECT SR is suitable for differential dyed carpets.</p>	Anionic

Cosmetic finishes

Product Description	Ionicity
TASTEX® COOL-EX 03 Skin-care treatment agent, which gives a special cool sensation.	Cationic

Digital printing thickener

Product Description	Ionicity
TANAJET™ M 4019 Thickener for inkjet preparation for printing with acid inks. Mainly recommended on nylon, wool, silk and their blends. Suitable for application via foulard, screen or coating. Good penetration. Outstanding soft fabric handle.	Anionic

Defoamer

Product Description	Ionicity
RESPUMIT® BA 2000 Defoamer based on renewable raw material with outstanding foam suppressing properties; silicone free.	Non-ionic

Fastness inhibitor

Product Description	Ionicity
TANAPUR™ RUB Rubbing fastness improver for textiles, especially to improve the wet rubbing fastness cellulose fiber (such as cotton, rayon, modal, etc.) or their blends.	Slightly cationic / cationic

Fixer for dyeing

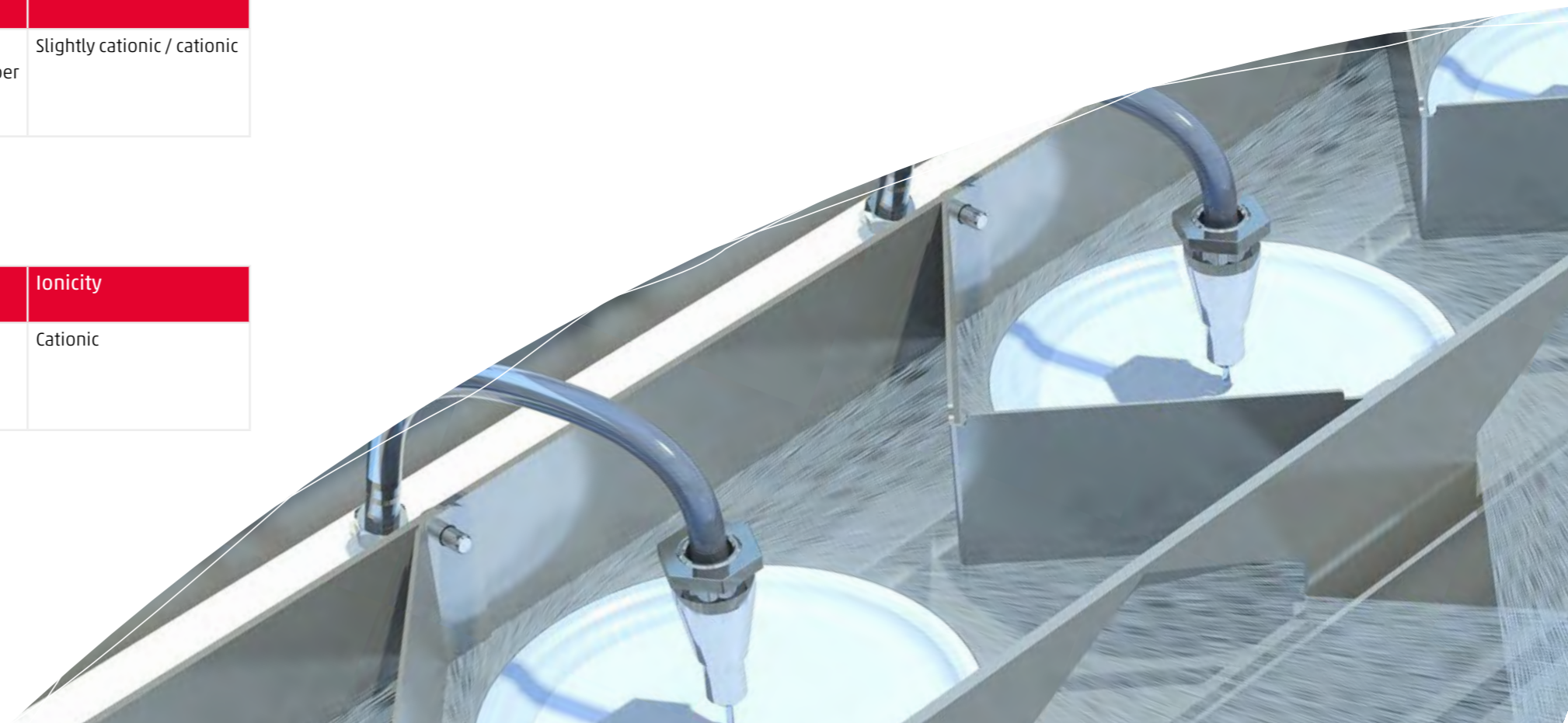
Product Description	Ionicity
TANAFIX™ WRD-E Powerful wet fastness improver for dyeings and prints with reactive and direct dyes on cellulosic fibres.	Cationic

Flame retardants

Product Description	Ionicity
FLAMEGARD™ FPN Halogen-free flame-retardant additive to achieve non-durable flame retardant effects on textiles of cellulose and synthetic fibers.	Not applicable
FLAMEGARD™ PNG Universal, non-halogen flame-retardant agent for pretreatment of technical textiles and non-wovens, OPCW exempt.	Not applicable

Humectant

Product Description	Ionicity
TANAFINISH™ HPX TANAFINISH HPX is specially developed for hydrodynamic finishes on synthetic fibres, to counter the normally lower wear-comfort of textiles made out of synthetics. TANAFINISH HPX is useful for e.g. sportswear and other performance apparel, but is also applicable on non-wovens and other technical articles to yield long-lasting absorbency. TANAFINISH HPX is also effective as soil-releasing finishing for PES fibre and its blends. TANAFINISH HPX is a special hydrophilic polymer with high affinity to PES fibre. TANAFINISH HPX forms a hydrophilic protective layer on PES fibre surface which prevents dirt from adhering to fibre and can therefore be easily removed during laundry.	Non-ionic



Repellent agents

Product Description	Ionicity
BAYPROTECT® DSR 01 A fine-dispersed finishing agent to prevent dry soil from binding onto fibres, yielding clean fabrics.	Cationic
BAYPROTECT® BCS Concentrated and durable water and oil-repellent agent, C6 based Fluorocarbon resin, contains less than 5 ppb PFOA. Maintaining soft hand on treated textile materials.	
BAYPROTECT® WRS Fluorine free water-repellent agent for synthetic fibres and blends with cellulose. Imparts excellent water repellent effects. Very good durability, especially in combination with boosters.	Cationic

Softeners

Product Description	Ionicity
PERSOFTAL® BK CONC. Biodegradable, cationic softener concentrate for woven and knitted fabrics made of CO and blends with synthetic fibres. The product is provided as highly concentrated paste. For WEKO application it is necessary to pre-dilute the product. Recommended is to dilute to 10 -15% liquid.	Cationic
PERSOFTAL® GHS All-round hydrophilic silicone softening agent.	Non-ionic
PERSOFTAL® MESO Special meso-emulsion (micro-macro) of a modified silicone softener for the finishing of all types of textiles.	Non-ionic
PERSOFTAL® PEN Softening and smoothening agent to improve sewability performances.	Non-ionic
PERSOFTAL® SHW Hydrophilic softener for cotton to obtain a rich full handle. Especially designed for cotton toweling.	Cationic
TANASIL™ EZE A concentrated self-dispersing textile softener. It is especially suited for synthetics and synthetic-natural blends.	Slightly cationic

We believe that with our passion we can change the textile world. We improve experiences and make new experiences possible.



About the WEKO System

The WEKO-Fluid-Application-System (WFA) applies the textiles and non-woven auxiliaries by spray disks (rotors). They rotate at high speed which enables a uniform flow of droplets. This system is distinguished by an exactly measurable application resulting in significant savings in drying energy and the possibility to achieve a higher machine speed.



**FLUID &
POWDER
COATING**

About TANATEX Chemicals

TANATEX Chemicals breaks new ground with ultramodern textile processing solutions, ranging from pre-treatment to finishing. Through a global network of offices, agencies and distributors, we support our customers worldwide with advanced top quality wet processing products and a high level of technical and tailor-made service. For almost 60 years we have proven to be a trustworthy and innovative associate.

Since 2016 we are a company of Transfar Chemicals. Our cutting-edge products are based on the latest trends and demands in today's (technical) textiles and carpet processing industry. We do not sell mere products; we offer fit-for-purpose solutions. With an eco-friendly way of thinking, TANATEX experts are the ones to watch.