



**KIMYA**  
PRINTING CATALOG



NF Chemistry was established in 2009 to manufacture and technically sell textile auxiliary chemicals and technically sell textile dyestuffs.

It continues its activities in its facility with a capacity of 4000 tons/month in a closed area of 7000 m<sup>2</sup> on a plot of 10,000 m<sup>2</sup> in Denizli Organized Industrial Zone and serves the textile enterprises in our country.

NF Chemistry, which is expanding its organization network throughout the country day by day, continues its activities in many regions of the world, especially in Turkey. It provides services in every region of Turkey, in Pakistan and Uzbekistan with its Personnel and Warehouse areas.

With the incorporation of Enkimteks in 2017, our optical brightener production capacity under the ENBRITE brand became 500 tons/month.

In the installation structuring, especially the market needs, international standards in sustainability and environmental awareness were taken into account and adopted as a vision.

Increasing its solution-oriented service opportunities in laboratories with investments in R&D and production, NF KIMYA aims to renew and develop itself day by day. In this regard, it provides the fastest and most accurate service to its customers.





## Index

<i>Pigment Printing...</i>	04
<i>Reaktive Printing...</i>	10
<i>Disperse Printing...</i>	12
<i>Burn-out Printing...</i>	16
<i>Digital Printing...</i>	18
<i>Special Effects Chemicals...</i>	18
<i>Screen Chemicals...</i>	20

Telephone :  
Phone: +90 258 269 29 96  
Fax: +90 258 269 29 95



E-Mail :  
[info@nfkimya.com.tr](mailto:info@nfkimya.com.tr)



Address :  
Organize Sanayi Bölgesi 601 Sokak No: 9 Honaz - DENİZLİ - TUR-





## PIGMENT PRINTING AUXILIARS

### BINDERS

<b>Texsoprint Binder SHF</b>	Styrene acrylate	<ul style="list-style-type: none"> <li>- Provides bright colors and a very soft touch after fixing.</li> <li>- Creates a dry, very soft and shiny film after fixing.</li> <li>- It does not dull the paint pigment, it makes it appear transparent and bright.</li> <li>- It has good washing, rubbing and dry cleaning fastnesses.</li> <li>- Provides ease of operation thanks to its mechanical and chemical stability.</li> <li>- Formaldehyde-free</li> </ul>	50-300 gr/kg
------------------------------	------------------	--	--------------

### FIXING AGENT

<b>Texsofix P-DX</b>	Polyisocyanate structure	<ul style="list-style-type: none"> <li>- Increases wet and dry rubbing fastness</li> <li>- Can be used in ready-made printing pastes</li> <li>- Since the reactive group is blocked in the fixing agent, spontaneous cross-linking does not occur during the application and storage of printing pastes containing TEXSOFIX P-DX.</li> <li>- Formaldehyde free</li> </ul>	5-20 gr/kg
----------------------	--------------------------	---	------------

### SYNTHETIC THICKENER

<b>Texsoprint PT</b>	Acrylic polymer dispersion	<ul style="list-style-type: none"> <li>- Fast thickening in high speed mixers</li> <li>- Highly concentrated thickener provides higher viscosity in smaller quantities</li> <li>- Provides color yield and surface</li> <li>- Good water holding ability, clear outline.</li> <li>- No problems in long-term production</li> <li>- Provides required penetration</li> <li>- Formaldehyde and APEO-free environmentally friendly product</li> </ul>	14-16 gr/kg
----------------------	----------------------------	--	-------------



## FASTNESS IMPROVERS

<b>Texsoprint PHF</b>	Water based polyurethane	Wet rubbing and washing fastness	Used in printing paste	8-30 gr/kg
<b>Texsoprint PDR</b>	Based on polysiloxane	Dry rubbing	Used in printing paste	5-15 gr/kg
<b>Texsocolor CRK</b>	Polymeric compound	Binder crease inhibitors	Used in printing paste	40-50 gr/kg
<b>Texsocolor HF</b>	Polymeric compound	Wet rubbing and washing	Used in padding	20-40 gr/lt
<b>Texsodye DVP</b>	Polymerization polyamine	Washing fastness	Used in padding	50-60 gr/lt

## LUBRICANTS

<b>Texsoprint LB</b>	Mixture of triglycerides and additives	Acts as lubricant, reduces the friction between the steel squeegee and the screen	Used in printing paste	8-30 gr/kg
----------------------	--	---	------------------------	------------

*Other than these about lubricants:*

- Increases penetration
- Improves levelness
- Acts as lubricant, reduces the friction between the steel squeegee and the screen
- Improves the running properties of the printing pastes (especially in pigment printing under hot Climatic conditions)
- Results in an elastic printing film after the drying process, reducing the tendency to fracture
- Reduces the fracturing of the printed and dried area of the fabric, in vat discharge printing on Viscose especially when cupro articles are concerned
- Improves the handle in pigment printing with no yellowing
- Better colour yield in disperse printing on polyester fibres
- Acts as a low level defoamer
- Can be washed out
- Environmentally compatible





## REOLOGY MODIFIERS

<b>Texsoprint PRF</b>	Polyglycol ester	It provides a great stability to the emulsion, without producing exaggerated drops of viscosity when diluting it.	Used in printing paste	5-20 gr/kg
-----------------------	------------------	---	------------------------	------------

Other than these about Reology modifiers:

- It prevents considerably the formation of lumps of the binder which is used, as well as the obstruction of the printing rollers and screens.
- Can be used indistinctly in all kind of textile printing pastes.
- Does not stiffen the printed fabric, but helps reaching a smooth handle.

## ANTIFOAM AGENTS

<b>Nfoam A-110</b>	Silicone based	Prevents foam formation during mixing in the printing paste.	Used in printing paste	1-5 gr/kg
<b>Nfoam PP</b>	Oil Based	Prevents foam formation during mixing in the printing paste.	Used in printing paste	1-5 gr/kg

## WETTING AND AERATING AGENTS

<b>Wetan FFA</b>	Synergistic blend of surfactants	Excellent wetting properties and increases penetration.	Used in printing paste	5-10 gr/kg
------------------	----------------------------------	---	------------------------	------------

## ANTIMIGRATION AGENT

<b>Nlube CRK</b>	Polymeric compound	Provides very sharp contour clarity	Used in printing paste	5-10 gr/kg
------------------	--------------------	-------------------------------------	------------------------	------------



## REACTIVE PRINTING AUXILIARS

### NATURAL THICKENERS

<b>Texsoprint NT-LV</b>	Low viscous sodium alginate	<ul style="list-style-type: none"> <li>- Recommended to be used on viscose, modal woven fabrics and velvet/towel products.</li> <li>- Low viscose</li> <li>- Very soft touch</li> </ul>	% 4 stock consantration
<b>Texsoprint NT-MV</b>	Medium viscous sodium alginate	<ul style="list-style-type: none"> <li>- Recommended to be used on cotton, visoce, modal knitted fabric.</li> <li>- Soft touch</li> <li>- High color yield</li> </ul>	% 5 stock consantration
<b>Texsoprint NT-HV</b>	High viscous sodium alginate	<ul style="list-style-type: none"> <li>- Recommended to be used on cotton fabrics for bed linens.</li> <li>- High coloryield</li> </ul>	% 6 stock consantration

*Other then these:*

- *Increases viscosity immediately in high speed mixer, does not clump in water.*
- *The rheology of the paste is quite good. Good printing results are obtained in long lengths in high-speed machines.*
- *Provides surface smoothness*
- *It is strong in terms of color yield, high yield is obtained in very light and very dark colors*
- *Provides very sharp contour clarity in wet to wet prints*
- *It can be drained easily, can be used in all kinds of fine patterns and templates of different mech sizes.*
- *Easily removed from the fabric with the normal washing process*
- *TEXSOPRINT NT series can be combined with all thickeners and all known emulsifiers in any ratio except guar gum.*

### SYNTHETIC THICKENER

<b>Texsoprint RT</b>	Acrylic polymer dispersion	<ul style="list-style-type: none"> <li>- Fast thickening.</li> <li>- Provides color yield and good surface</li> <li>- Good resistance to electrolyte, High viscosity.</li> <li>- Good water holding ability, clear outline.</li> <li>- Ease of washing</li> <li>- Does not bad influence to soft feel.</li> <li>- Provides required penetration</li> </ul>	15-20 gr/kg
<b>Texsoprint RT-P</b>	Acrylic polymer dispersion	<ul style="list-style-type: none"> <li>- Fast t hickening.</li> <li>- Good surface</li> <li>- Good resistance to electrolyte and salts</li> <li>- Good water holding ability, clear outline</li> <li>- Ease of washing</li> <li>- Soft touch.</li> <li>- Provides required penetration</li> </ul>	20-25 gr/kg



## DISPERSE PRINTING AUXILIARS

### SYNTHETIC THICKENERS

<b>Texsoprint DT</b>	Acrylic polymer dispersion	<ul style="list-style-type: none"> <li>- Fast thickening.</li> <li>- Provides color yield and good surface</li> <li>- Good resistance to electrolyte, High viscosity.</li> <li>- Good water holding ability, clear outline.</li> <li>- Ease of washing</li> <li>- Does not bad influence to soft feel.</li> <li>- Provides required penetration</li> </ul>	30-55 gr/kg
<b>Texsoprint RS-2C</b>	Blend of acrylic polymer dispersion and natural thickener	<ul style="list-style-type: none"> <li>- Fast thickening.</li> <li>- Good surface</li> <li>- Good resistance to electrolyte and salts</li> <li>- Good water holding ability, clear outline</li> <li>- Ease of washing</li> <li>- Soft touch.</li> <li>- Provides required penetration</li> </ul>	20-30 gr/kg

### NATURAL THICKENERS

<b>Texsoprint GG-12</b>	Guar Gum	Easily soluble in cold water, excellence flow properties, good color yield, better washing off properties, eco-friendly.	5-15 gr/kg
<b>Texsoprint TRR</b>	Tamarin	Easily soluble in cold water, excellence flow properties, good washing off properties, eco-friendly.	5- 20 gr/kg



## DISPERSING AGENT

<b>Texsogal NS</b>	Mixture of surfactants	It keeps the small disperse dye particles in a more smooth and stable suspension.	Used in printing paste	5-10 gr/kg
--------------------	------------------------	---	------------------------	------------

## ANTIFOAM AGENTS

<b>Nfoam A-110</b>	Silicone based	Prevents foam formation during mixing in the printing paste.	Used in printing paste	1-5 gr/kg
<b>Nfoam PP</b>	Oil Based	Prevents foam formation during mixing in the printing paste.	Used in printing paste	1-5 gr/kg

## WETTING AND OPERATING AGENTS

<b>Wetan FFA</b>	Synergistic blend of surfactants	Excellent wetting properties and increases penetration.	Used in printing paste	5-10 gr/kg
------------------	----------------------------------	---	------------------------	------------

## ANTIREDUCTION AGENT

<b>Texsoprint AGR</b>	Solution of inorganic salts	Prevents cross contamination in print washes	Used in printing paste	5-20 gr/kg
-----------------------	-----------------------------	--	------------------------	------------





## BURN-OUT PRINTING AUXILIARS

### NATURAL THICKENER

<b>Texsoprint GA</b>	Borated cross link guar gum	Easily soluble in cold water, excellence flow properties, good color yield, better washing off properties, eco-friendly.	Used in printing paste	10-15 gr/kg
----------------------	-----------------------------	--	------------------------	-------------

### ANTIFOAM AGENTS

<b>Nfoam A-110</b>	Silicone based	Prevents foam formation during mixing in the printing paste.	Used in printing paste	1-5 gr/kg
<b>Nfoam PP</b>	Oil Based	Prevents foam formation during mixing in the printing paste.	Used in printing paste	1-5 gr/kg

### WETTING AND OPERATING AGENTS

<b>Wetan FFA</b>	Synergistic blend of surfactants	Excellent wetting properties and increases penetration.	Used in printing paste	5-10 gr/kg
------------------	----------------------------------	---	------------------------	------------

### ANTIMIGRATION AGENT

<b>Nlube CRK</b>	Polymeric compound	Provides very sharp contour clarity, excellent surface	Used in printing paste	5-10 gr/kg
------------------	--------------------	--	------------------------	------------



## DIGITAL PRINTING PRE-TREATMENT CHEMICALS

<b>Texsoprint Aqua Ink</b>	Rective printing paste	Cotton, viscose, modal, tencel and their blends.	80 - 150 gr/lit
<b>Texsoprint Aqua Ink S</b>	Reactive printing paste	Cotton, viscose, modal, tencel and their blends.	80 - 150 gr/lit
<b>Texsoprint Aqua Ink TA</b>	Pigment printing paste	All kind of fabrics	20 - 70 gr/lit
<b>Texsoprint Aqua Ink SPC</b>	Acid printing paste	Poliamid, silk	450 - 500 gr/lit
<b>Texsoprint Aqua Ink NF</b>	Disperse printing paste	Polyester	30 - 60 gr/lit

Other than these about Digital printing pastes:

- Using digital printing paste leads to a significant improvement of the color depth and the brilliance of the prints.
- Our digital printing paste series provides you can prints all kind of fabric.

## SPECIAL EFFECTS PRINTING PASTES

<b>Texsoweiss EL</b>	Matweiss	Beyaz, yumuřak tuřeli, elastik iyi yıkama haslıkları, örtücü
<b>Texsoweiss ECO</b>	Matweiss	Beyaz, yıkama haslıkları iyi, örtücü
<b>Texsodis WT</b>	Beyaz aşındırma	Beyaz, yumuřak tuřeli, iyi yıkama haslıkları
<b>Texsodis CR</b>	Renkli aşındırma	Yüksek renk verimi, iyi yıkama ve sürtme haslıkları
<b>Texsofoil S</b>	Varak patı	Su bazlı varak tutkalı, iyi yıkama haslıkları
<b>Texsoglit G</b>	Sim patı	Su bazlı sim tutkalı, iyi yıkama haslıkları
<b>Texsobrill TR</b>	Yıldız patı	Su bazlı yıldız tutkalı, iyi yıkama haslıkları



## **ROTARY SCREEN CHEMICALS**

<b>Texsoprint Clean</b>	Screen ending remover
<b>Texsoprint Clean Eco</b>	Economic screen ending remover
<b>Texsoclean TPD-50</b>	Screen cleaner
<b>Texsoclean T40</b>	Screen cleaner, odorless
<b>Texsoclean Solve</b>	Thermoplast remover
<b>Texsoclean C20</b>	Blanket cleaner



**INDITEX**