

 **Chemical Products for Textile**

**CHEMICAL  
PRODUCTS FOR  
TEXTILE**



**CROMOGENIALINITS**

YOUR SPECIALIST FOR SPECIALTIES



# CHEMICAL PRODUCTS FOR TEXTILE

Chemical Products for Textile



Cromogenia Units mainly produces raw materials used by Textile Formulators to prepare their own textile specialties. Our specialties are mainly used for textile process like dyeing, fixing, softening, printing and coating. Water-Based Polyurethane dispersions, acrylic emulsions, crosslinking agents give sustainable solutions and superior performance to our customers coating needs and permit to obtain a wide range of textile finishes.

## Product Range

DISPERSING AGENTS

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DYE FIXING AGENTS

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CATIONIC SOFTENERS

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SILICONE SOFTENERS

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WATER AND OIL REPELLENTS

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RESINS BINDERS

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CROSSLINKING AGENTS

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SYNTHETIC THICKENERS

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POLYURETHANE DISPERSIONS

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SPECIAL PRODUCTS

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POLYMER ADITIVES

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HOT MELT ADHESIVES

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Products	Chemical Nature	Uses
<b>Dispersing Agents</b>		
RETANAL HD	Sodium salt of Naphtalen-sulphonic acid condensate	Dye / pigment dispersing agent. Powder form
RETANAL HDC 100	Low sodium salt content (Naphtalen Sulphonic Ac. Condensate)	Dye / pigment dispersing agent. Powder form
RETANAL A4	Ammonium salt of Naphtalen sulphonic Ac.condensate	Dye / pigment dispersing agent. Powder form
UNICRYL D 40	Acrylic homopolymer	Sequestering - dispersing agent for scouring- bleaching process
UNICRYL DA 12	Acrylic co-polymer	Scouring /Bleaching/ Soaping. Reactive dyeings

<b>Dye Fixing Agents</b>		
ROQUAT ATR	Poly amine	Direct and reactive dyes fixing agent
ROQUAT MDR	Cationic polymer	Cationizer Mordant - pigment dyeing
ROQUAT G 16	Cationic polymer	Cationizer Mordant - metalized dyes
RETANAL TD 1	Sulphone condensate polymer; Anionic	Acid dyes fixing agent
RETANAL TD 3	Sulphone condensate polymer; Anionic	Nylon / coton dyeing. Acid dyes fixing agent



Products	Chemical Nature	Uses
<b>Cationic Softeners</b>		
ROQUAT TO 90 E	Fatty acid esterquat (liquid 90%) dispersable at low temp.	Hydrophilic cationic. Cotton softener
ROQUAT TO 90 E PPG	Fatty acid esterquat (liquid 90%) dispersable at low temp. IPA free	Hydrophylic cationic. Cotton softener
ROQUAT TPD	Fatty acid esterquat (paste) dispersable at low temp.	Hydrophylic cationic. Garment softener

<b>Silicone Softeners</b>		
U-SILICON PY MDC	Micro-emulsion of dimethyl-polysiloxane	Non ionic for extremely softening process
U-SILICON PY HFL	Hydrophilic micro-emulsion of dimethyl-polysiloxane	Non ionic hydrophilic softening process
U-SILICON PY UM	Micro-emulsion of dimethyl-polysiloxane	Non ionic; elastomeric extremely soft touch





# CHARACTERISTICS &

## Products

## Chemical Nature

## Uses

### Water and Oil Repellents

<b>ROFOB PY NIN</b>	Non ionic fluorocarbon resin emulsion (C6)	Stain repellent and water proof finishing for all kind of fibers
<b>ROFOB PY NTX-5</b>	Weakly cationic modified fluorocarbon resin emulsion. (C6)	High performance stain repellent and water-proof finishing

### Resin binders

<b>UNICRYL X 61</b>	Acrylic co-polymer (55%) self-croslinking	Textile printing; printing lacquers formulations
<b>UNICRYL T 11</b>	Acrylic co-polymer (45%) Formaldehyde free	Textile printing and finishing
<b>UNICRYL T 930</b>	Acrylic co-polymer (30%) Formaldehyde free	Textile printing and finishing
<b>UNICRYL T 12</b>	Acrylic co-polymer (45%) Formaldehyde free	Textile printing and finishing
<b>UNICRYL T 1230</b>	Acrylic co-polymer (30%) Formaldehyde free	Textile printing and finishing
<b>UNICRYL T 02</b>	Acrylic co-polymer (45%) self-crosslinking	Textile printing and finishing
<b>UNICRYL C 105</b>	Acrylic co-polymer Formaldehyde free	Textile printing and finishing

### Crosslinking agents

<b>REGEL TH 30</b>	Blocked Isocyanate MEKO free	Crosslinking agent
<b>REGEL TH 80</b>	Blocked Isocyanate MEKO free NON IONIC	Crosslinking agent
<b>REGEL TH 35</b>	Blocked Isocyanate	Crosslinking agent
<b>REGEL TH 20</b>	Un-blocked isocyanate	Crosslinking agent
<b>RETANAL PYM 5001</b>	Melamine	Crosslinking agent
<b>RETANAL PYM 3001</b>	Melamine	Crosslinking agent low viscosity

### Synthetic thickeners

<b>UNIPRINT 16</b>	Acrylic co-polymer	Textile printing thickener
<b>UNIPRINT 20</b>	Neutralized Acrylic co-polymer	Textile printing thickener
<b>UNIPRINT 30S</b>	Acrylic co-polymer	Textile printing thickener reactive dyes
<b>UNIPRINT 30D</b>	Acrylic co-polymer	Textile printing thickener disperse dyes
<b>UNICRYL TH 6</b>	Alcaly swellable acrylic polymer	Textile printing thickener
<b>UNICRYL TH 60</b>	Alcaly swellable acrylic polymer. Higly concentrated	Textile printing thickener



# APPLICATIONS

Products	Chemical Nature	Uses
<b>Polyurethane Dispersions</b>		
<b>CROMELASTIC NI 77</b>	Polyurethane aqueous dispersion (polyether NON - ionic, soft)	Padding finishing
<b>CROMELASTIC SE 80</b>	Polyurethane aqueous dispersion (Polyether, soft touch)	Coating, finishing, screen printing
<b>CROMELASTIC SE 80 SP</b>	Polyurethane aqueous dispersion (Polyether, anionic, solventless)	Coating, finishing, screen printing
<b>CROMELASTIC 0249</b>	Polyurethane aqueous dispersion (Polyester, hard touch)	Coating, finishing
<b>CROMELASTIC 0249 PRG</b>	Polyurethane aqueous dispersion (Polyester, hard touch) NMP and NEP free	Coating, finishing
<b>CROMELASTIC C 4480</b>	Polyurethane aqueous dispersion (Polyether, cationic, soft)	Padding / Exhausting process. Pigment dyeing
<b>CROMELASTIC 6600</b>	Polyurethane aqueous dispersion (Polyester, anionic, medium soft)	Coating, finishing
<b>CROMELASTIC 6600 SP</b>	Polyurethane aqueous dispersion (Polyester, medium soft, solventless)	Coating, finishing
<b>CROMELASTIC NVF</b>	Polyurethane aqueous dispersion (polyester, anionic, high performance)	Coating, finishing
<b>CROMELASTIC SU 3060</b>	Polyurethane aqueous dispersion softener. Anionic	Softening. Anti-pilling effect
<b>CROMELASTIC PC 250</b>	Polyurethane aqueous dispersion (polycarbonate, anionic)	High performance, coating, medium touch
<b>CROMELASTIC PC 250 PRG</b>	Polyurethane aqueous dispersion (polycarbonate, anionic)	High performance, coating
<b>CROMELASTIC PC 550</b>	Polyurethane aqueous dispersion (polycarbonate, anionic, hard touch)	High performance (hard touch)
<b>CROMELASTIC PC 550 PRG</b>	Polyurethane aqueous dispersion (polycarbonate, anionic, hard touch)	High performance (hard touch)
<b>CROMELASTIC 046 SP</b>	Polyurethane aqueous dispersion. Polyether, Anionic, very elastic, solventless	High performance. Elastic printing formulas
<b>CROMELASTIC 1200 M</b>	Polyurethane aqueous dispersion (matt effect). NMP and NEP free	Coating, printing, special matt effects
<b>CROMELASTIC 9676 SP</b>	Polyurethane aqueous dispersion. Aliphatic, solventless used as film plastiziser	Coatings. Adjustment of film softness
<b>FORZAL D SERIES</b>	Thermo reactive PU dispersions	Adhesives. Laminating



Products	Chemical Nature	Uses
<b>Special Products</b>		
<b>ROPOL DSSM 70 NE</b>	Diocetyl sodium - sulphosuccinate	Quick wetting agent
<b>Polymer Aditives</b>		
<b>ESPESILOR 255</b>	Polyurethane solution	PU Thickening agent
<b>Hot melt adhesives</b>		
<b>FORZAL HM</b>	Reactive Polyurethane, hot melt adhesive	Adhesive for lamination ; breathable



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