

POLYMERS FOR TEXTILE



“ We make polymers, we care for the environment “

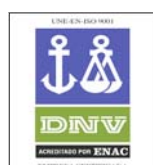
This means that at **Derypol** we work to establish the market needs, investigate and develop products and look after these needs under a strict quality control.

Our concern for the natural setting has been incorporated into our main objective; using processes and products that respect the environment. This is our way of contributing to the care of the **environment**.

Our range of polymers for textiles is faithful to our objective of innovation and technological advancements in the development of specialized and sophisticated products. They are the result of extensive investigation and are manufactured following the most demanding criterias of excellence and quality. And because of this, we can provide special polymers in the processes of tinctures, printing and textile finishes, whilst at the same time complying with all the security requirements and at all times having the maximum respect for the environment.

Our product range for textile has aimed to combine economy performance in their use whilst having the **maximum respect for the environment**.

Dr. Guillem Solé
General Manager



***Textile
product
range***

Prints and Finishes
AR Serie
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- AR 3
- AR 390
- AR 8
- AR 65
- AR 233 / N 55
- CAT 440
- CAT 441

Thickeners TH Serie
RL Serie
C 150 Serie
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- TH 73
- TH 32A
- RL 255
- C 150
- TC 300
- TE 400

Dry cleaning additives
(Page 9 – 12)

- Colour fixing K-T Serie
- Anti-crease AAR 110
- Quelling agent
 - AS 100
 - AS 100/N
- Antimigration – CA 370/14

Flocking
(Page 13 – 14)

- AR Serie
- E 502



PRINTS AND FINISHES

AR Serie

Properties:

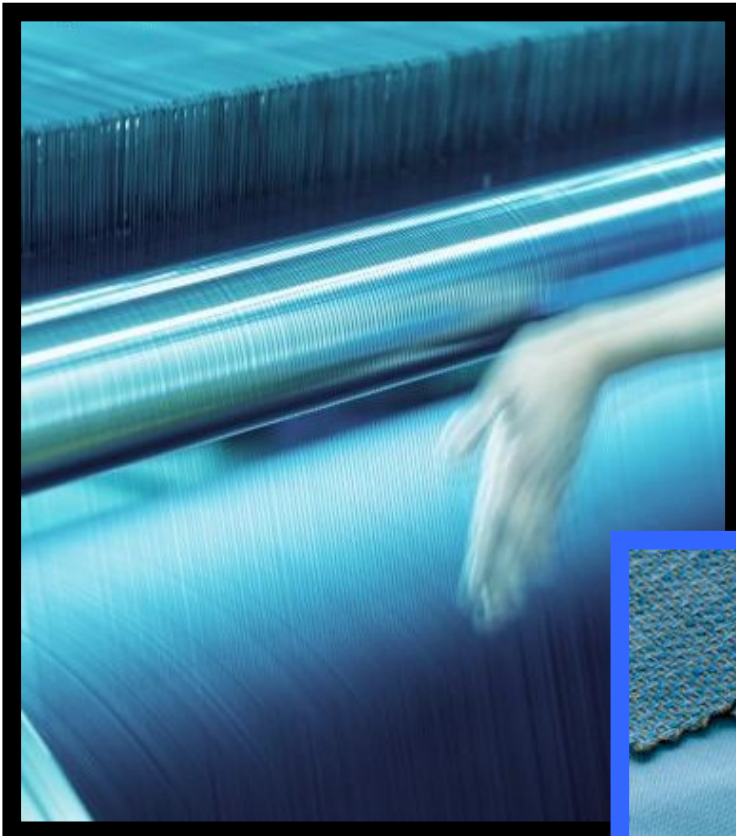
- Autorreactive copolymer acrylic.
- It offers a good resistance to friction.
- Stable in emulsions with melamine.

Specifications:

PRODUCT	Appearance	Solids	Viscosity	pH	Ionic Character
AR 3	Milky white	45% aprox.	< 100 cps	2 – 4	Anionic
AR 390	Milky white	45% aprox.	< 500 cps	3 – 5	Anionic
AR 8	Milky white	45% aprox.	< 100 cps	2 – 3.5	Anionic
AR 65	Milky white	60% aprox.	< 500 cps	4 – 5	Anionic
AR 233 / N55	Milky white	53% aprox.	< 1000 cps	2 – 4	Not Anionic
CAT 440	Milky white	40.5% - 42.5%	<600 cps	5.0 – 5.5	cationic
CAT 441	Blanco lechoso. Emulsión fina.	40.5% - 42.5%	<200 cps	5.0 – 5.5	cationic

Applications:

- Emulsions for printing and lacquering.
- Textile finishing.
- Non woven.
- Soaking.



THICKENERS

TH Serie, RL Serie, C150 Serie & TE Serie

Properties:

TH Serie

- Acrilamide copolymer.
- Easy preparation.
- Aqueous dispersion, no oils, solvents or surfactants.
- Good stability.
- TH 32: thickening ability along all the pH scale.

RL Serie

- Acrylic-based polymer in powder.
- Pseudoplastic thickener.
- Stability at high temperature.

C 150 Serie

- Acrylic copolymer.
- Aqueous dispersion.
- Easy preparation.
- Good stability.

TE Serie

- Copolymer dispersed in medicinal grade White oil.
- The solutions of these products are pseudoplastic.
- TE 400 is anionic.
- TC 300 is cationic.

Specifications:

	TH 73	TH 32A	C 150	RL 25S	TC 300	TE 400
Appearance	Milky white	Milky white	Milky white	White powder	Milky white	Milky white
Actives	22 % aprox.	20 % aprox.	30 % aprox.	> 95 %	53% aprox.	57% aprox.
Viscosity	< 300 cps	< 3000 cps	< 100 cps	n.a	200-3000 cps	400-1400cps
Density	1.2	1.2	Aprox 1	n.a	Aprox 1	Aprox 1
Ionic character	Anionic	Anionic	Anionic	n.a	Cationic	Anionic

n.a. : not applicable

Applications:

- Thickeners in aqueous form.
- Emulsions for printing (TH y RL 25S Serie).
- Laminations for textile rollers (C 150).



ADDITIVES AND DRY CLEANER

KT Serie

Colour Fixing: KT Serie

Properties:

- Good affinity for fiber.
- Improves solidity.
- Stable with electrolites.
- Stable with dry cleaning.



Specifications:

	K 14 T	K 16 T
Appearance	Transparent liquid, colorless, yellowish	Colorless to yellowish slightly turbid liquid
Solids	40 % aprox.	50 % aprox.
Viscosity	< 2000 cps	< 750 cps
pH	3 – 6	2.5 – 6

Applications:

Fixing agent of direct colouring in tinctures.

Anti Crease AAR 110

Properties:

- It prevents the formation of creases.
- Stable in anionic and cationic products.
- Easy solubility in cold or warm water.

Specifications:

	AAR 110
Appearance	Viscous liquid, almost colorless
Solids	12 % aprox.
Viscosity	10.000-25.000 cps
Ionic character	Non ionic

Applications:

- In whitening or tincture.
- Can be used on all types of fibres including wool, acrylics, corduroy, velvet, polyester.



Quelling agent: AS 100 and AS 100/N

Properties:

- Dispersed effect of the salts.
- Does not hydrolyze.
- Does not lather.
- Compatibility with anionic or non anionic tincture baths.

Specifications:

	AS 100	AS 100/N
Appearance	Colorless, yellowish	Colorless, yellowish
Solids	50 % aprox.	45 % aprox.
Viscosity	< 400 - 1200 cps	< 500 – 1500 cps
pH	2 – 4	6.5 – 8
Ionic character	Anionic	Anionic

Applications:

- Cotton tincture.
- Cotton and polyester tincture.
- Reactives colouring tincture.



Antimigration: CA 370/14

Properties:

- Dilatable in water.
- Compatible with anionic and non anionic substances.
- Incompatible with cationic and metallic salt substances.
- Washes out easily.



Specifications:

	CA 370/14
Appearance	Liquid, viscous, colorless
Solids	> 14 %
Viscosity	2.500 – 4.500 cps
pH	6 – 8



Applications:

- Equality in tinctures bath.
- Dilute the product in the proportion of 1:4.

FLOCKING

AR Serie: pures acrylic

E 502: styrene/acrylic copolymer

Properties:

- Hard resin that provides very resistant flocking fabrics.
- Suitable for most surfaces.



Specifications:

	AR 8	AR 65	E 502
Appearance	Milky white	Milky white	Milky white
Solids	45 % aprox.	60 % aprox.	50 % aprox.
Viscosity	< 100 cps	< 500 cps	< 5.000 – 11.000 cps
pH	2 – 3.5	4 – 5	8 – 9
Emulsion system	Anionic	Anionic	Anionic

Aplicaciones:

- Flockies on any surface.
- Car industry.



DERYPOL S.A., has one of the widest range of water treatment products on the market, with a **generic range of flocculating polymers, synthetic coagulants, colour removal, formulated coagulant, antifoam, etc.**

Also a team of specialized technicians in the field of the water purification that participates and proposes the best treatment for each problem.

The textile industry and especially the tincture processes generate volumes of important and complex waste water that requires treatment. DERYPOL offers products and a team of specialists to help solve these waste problems, reduce maintenance costs and offer advise on the best treatment for water purification.

Our concern for nature has defined our main goal: to market products that solve environmental-friendly processes.

Not only we make polymers but also we have and we participated in the care of the **environment**.

Derypol, S.A.

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