

# UDC

*Colours Make Difference  
We make Colours*

**CATIONIC  
DYES**

**UNIVERSAL DYECHEM PVT. LTD**





**FASTNESS  
PROPERTIES  
1% SHADE**

**TINTING ON  
POLYESTER  
DYE. AT 120 DEG  
CEL**

S. No.	Product Name	Colour Sample		LIGHT ISO : 105 B XENON TEST	WASHING AT 60 C ISO : C03	Tinting on Polyester Dye at 120 Deg Cel	
		0.5%	1.0%			1.0%	2.0%
1	CATIONIC YELLOW 10 UGF 100%			4	5	G	G
2	CATIONIC YELLOW U7GL 200%			4-5	4	G	G
3	CATIONIC YELLOW U8GL 200%			3	5	G	G
4	CATIONIC YELLOW U6G 200%			5	5	G	G
5	CATIONIC YELLOW ULG 400%			3	5	G	G
6	CATIONIC GOLD YELLOW UGL 200%			5	4-5	G	G
7	CATIONIC ORANGE UGR 200%			3-4	3-4	G	G
8	CATIONIC ORANGE U3R 200%			4-5	4-5	G	G
9	CATIONIC RED UGTL 200%			4-5	5	M	P
10	CATIONIC RED UF3BX 200%			4-5	5	G	G
11	CATIONIC RED U2B 200%			3-4	4-5	G	M
12	CATIONIC RED U4G 200%			4	5	G	G





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		0.5%	1.0%			1.0%	2.0%
13	CATIONIC PINK UFG 200%			4	5	G	G
14	CATIONIC PINK UBLE			3	3-4	G	G
15	CATIONIC SCARLET U2R 100%			2	4-5	G	M
16	CATIONIC BLUE U5G 200%			3	5	G	G
17	CATIONIC BLUE UGNX 200%			4	4-5	G	G
18	CATIONIC BLUE ULX 200%			2-3	4-5	M	P
19	CATIONIC BLUE U2R 200%			5	4-5	P	VP
20	CATIONIC VIOLET U3RL 100%			3	4	G	M
21	CATIONIC GREEN UM 100%			3	5	M	P
22	CATIONIC BLACK UOX 200%			3	4	M	P
23	CATIONIC BLACK UBG 200%			4	5	G	G
24	CATIONIC BLACK SUPERIOR			4	5	G	G



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PROPERTIES  
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**TINTING ON  
POLYESTER  
DYE. AT 120 DEG  
CEL**

S. No.	Product Name	Colour Sample		LIGHT ISO : 105 B XENON TEST	WASHING AT 60 C ISO : C03	1.0%	2.0%
		0.5%	1.0%				
1	CATIONIC YELLOW U7GL SUPRA			4	5	G	G
2	CATIONIC YELLOW U8GL SUPRA			6	4-5	G	G
3	CATIONIC GOLD YELLOW UGL SUPRA			5-6	4-5	G	G
4	CATIONIC RED UGTL SUPRA			5	4-5	G	G
5	CATIONIC RED UF3B SUPRA			4-5	5	M	P
6	CATIONIC RED U2B SUPRA			4-5	5	G	G
7	CATIONIC RED U4G SUPRA			3-4	4-5	G	M
8	CATIONIC PINK UFG SUPRA			4	5	G	G
9	CATIONIC BLUE U5G SUPRA			4	5	G	G
10	CATIONIC BLUE UGNX SUPRA			3	5	G	G
11	CATIONIC BLACK UGRL SUPRA			4	4-5	G	G
12	CATIONIC BLACK URB SUPRA			4	5	G	G



# UNIVERSAL DYECHEM PVT. LTD

## EXCLUSIVE RANGE

### Textile Dyes

Acrylic Cationic Dyeable Polyester | Cellulosic Polyester | Polyamide Wool

### Digital Textile Printing

Machine's Inks

### Speciality Chemicals

Pre-Treatment / After Treatment / Dyeing / Printing Finishing

### Printing Thickeners

## About us ...

Universal Dyechem Pvt. Ltd. is Disperse Dyestuff Manufacturer in India since 2001. Universal Dyechem Pvt. Ltd. had been setup with well equipped modern Dyes Manufacturing unit at Jodhpur (Rajasthan) INDIA with state-of-art R & D Facility. Having competent, experienced technicians and staff for effective Quality control and Technical Services.

- Creates the condition of providing good quality products at competitive prices to global customers.
- Guarantees for Consistent Quality and On Time Delivery

Universal Dyechem Pvt. Ltd. Strives to Become  
"World Class Textile Dyes Manufacturer"

## SALES NETWORK

### Head Office :

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# ACRYLIC DYES ON CATIONIC DYEABLE POLYESTER FABRICS

Here, in this folder, we present self shades on cationic dyeable polyester fabric. Acrylic dyes are modified basic dyes, specially suited for application on Acrylic and cationic dyeable polyester. Acrylic dyes not only impart excellent brilliancy, but also exhibit superior allround fastness properties on both the fibers.

## DYEING METHOD

The dye bath is set at 50°C, with

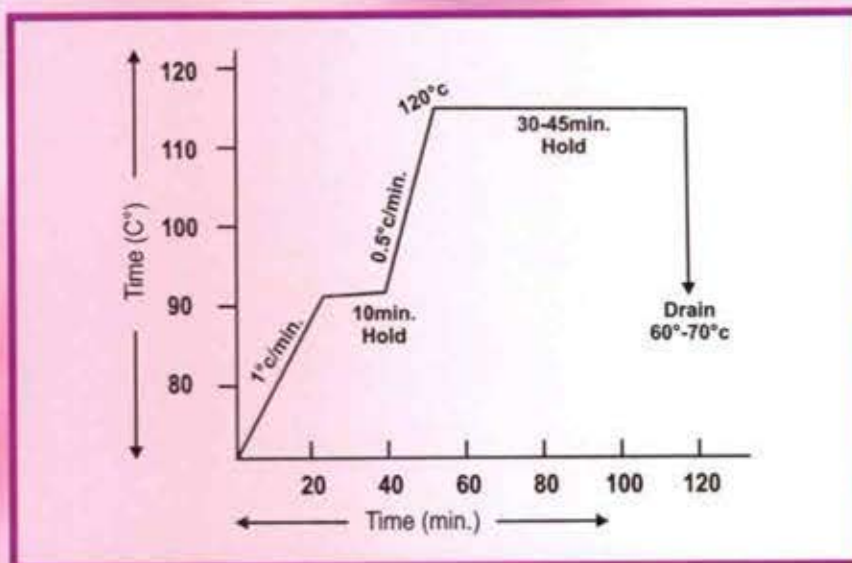
1.0 - 2.0 gpl Glacial Acetic Acid (98%)

0.2 - 0.5 gpl Sodium Acetate

0.5 - 1.0 gpl Retarding Agent (CLA-100)

0.1 - 0.2 gpl Water Softening Agent

Adopting following dyeing cycle, improves the levelling of the above dyes.



The goods are entered and run for 5 minutes. Predissolved Acrylic dye (with 98% gla. Acetic Acid), is added and the temperature of the bath is slowly raised to 90°C (1°C. / minute) 10 minutes hold at 90°C. Then the temperature of the bath is raised to 120° (0.5°C/minute). dyeing is continued for 30-45 minutes, depending on the depth of the shade. Bath is cooled to 60-70°C and drained, Goods are rinsed in cold and soaped at 80°C - 90°C.

- 1) This information is provided in good faith to the best of our knowledge and without liabilities.
- 2) The shades were done under laboratory working condition.
- 3) Please conduct sample trials before adopting the recipe for bulk use.

## ABBREVIATIONS:

=Suitable, X= Not Suitable, - = Can be applied or not recommended.

Light & Washing : 1 to 5 in increasing order, where 5 represent highest fastness

D = Dischargeble

ND = Not Dischargeble

G = Good

M = Moderate

P = Poor

VP = Very Poor