

Illustration on polyester fabric / on polyamide

1,27%

0,60%

Characteristics

C. I.	Disperse Red 60
C. I. No.	60756
CAS No.	17418-58-5
Chemical class	Anthraquinone dye

Properties

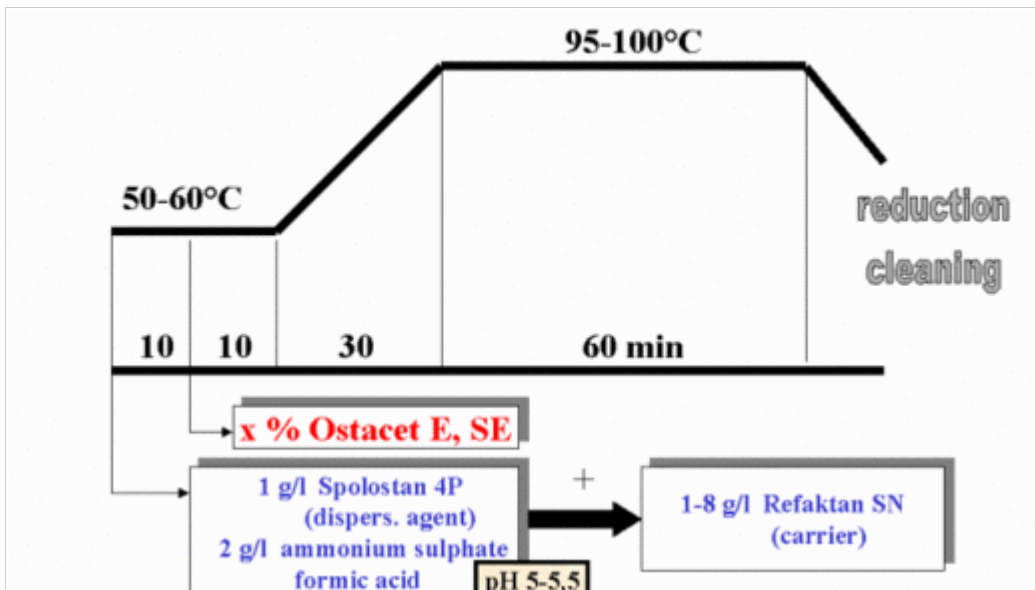
Migration - polyester	5
Migration - polyamide	1/1
Covering of stripes - polyamide	1

Fastness

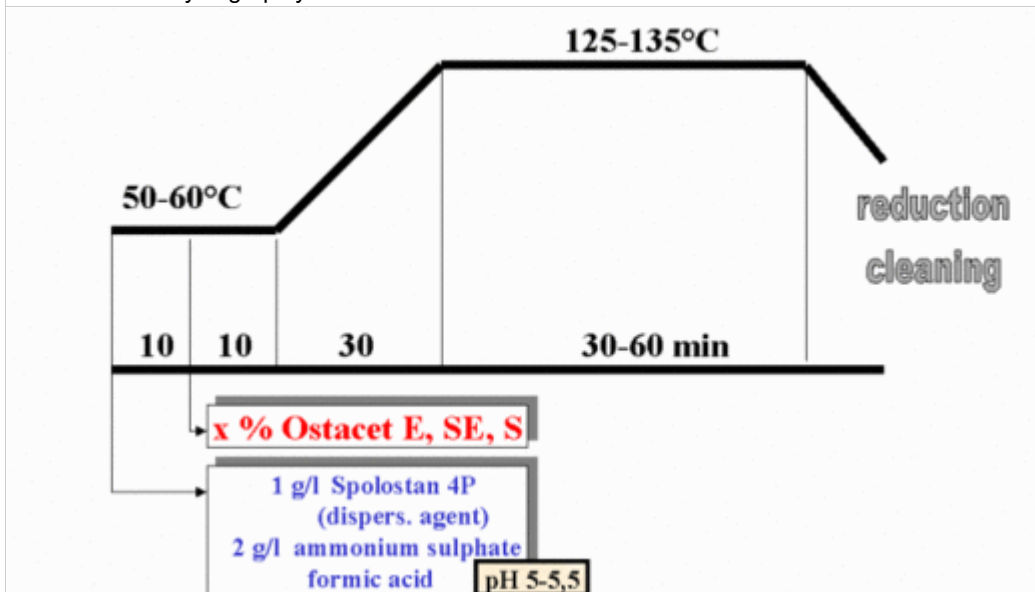
Fastness	polyester					polyamide	
standard depth	1/25	1/12	1/6	1/3	1/1	1/6	1/3
Světlo Xenotest	6	6	6	6-7	6-7	4-5	5
polyester							
standard depth	1/1						
Water	5			5		5	
Washing 60°C	5			5		5	
Washing 95°C	4-5			3-4		4-5	
Sea water	4-5			5		5	
Swimming bath water	4-5						
Perspiration acid	5			5		5	
Perspiration alkaline	5			5		5	
Dry heat 180°C	4BI			2			
Dry heat 210°C	3-4BI			1			
polyamide							
standard depth	1/6						
Water	5			4-5		5	
Washing 40°C	4-5			5		5	
Rubbing dry						5	
Sea water	4-5			5		5	
Swimming bath water	4						
Žehlení za sucha po 4h	4-5					5	
Perspiration acid	4-5			4-5		4-5	
Perspiration alkaline	4-5			4-5		4-5	
Nitrogen oxides	4Y						
Dry heat 150°C	4-5			4-5		4-5	

Application possibilities

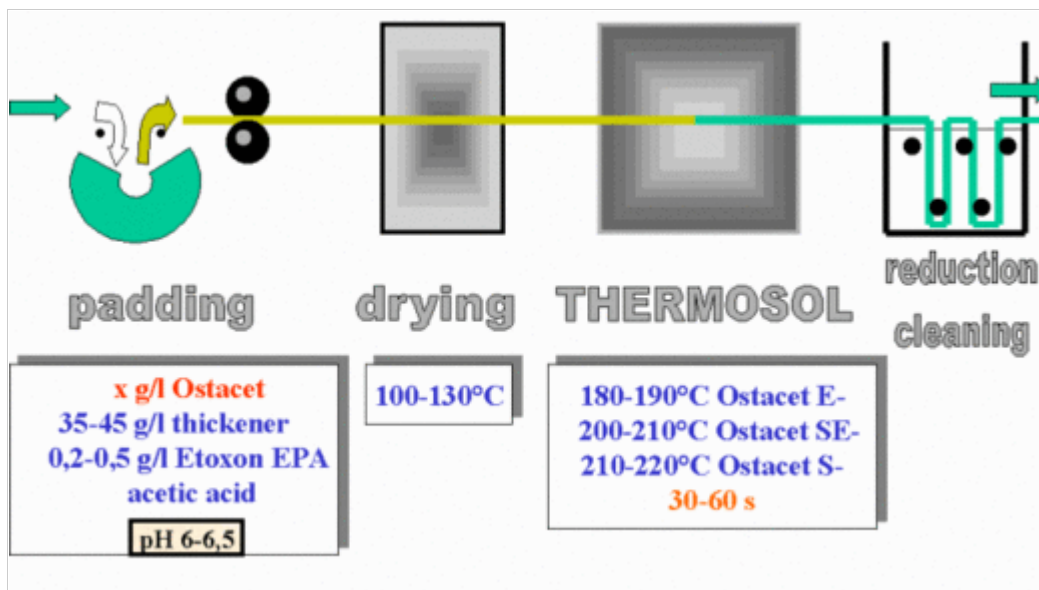
Exhaustion carrier dyeing - polyester ●



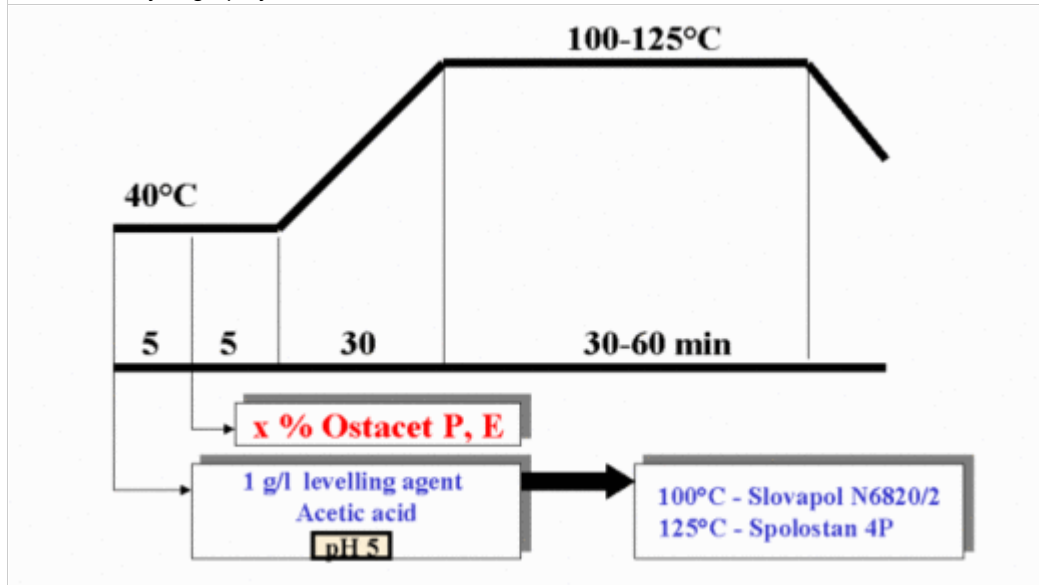
Exhaustion HT dyeing - polyester ●



Thermosol - polyester ●



Exhaustion dyeing - polyamide ●



● suitable

Testing methods

Migration

Given numbers mean:

1 - very good migration behaviour

2 - good migration behaviour

3 - poor migration behaviour

First number represents the migration without auxiliary second one with auxiliary agent

Covering of stripeness

1 - excellent

2 - very good

3 - good

4 - poor

Fastness standards

Light Xenotest ISO 105-B02-1994

Water ISO 105-E01-1994

Washing ISO 105-C03-1989

Perspiration ISO 105-E04-1994

Sea water ISO 105-E02-1994

Ironing ISO 105-X11-1994

Rubbing ISO 105-X12-1987

Dry cleaning ISO 105-D01-1993

Swimming bath water ISO 105-E03-1994

Nitrogen oxides ISO 105-G01-1993

Dry heat ISO 105-P01-1993

Fastness data given in the tables mean:

at the lightfastness at other fastness

1 - very poor 1 - poor

2 - poor 2 - moderate

3 - moderate 3 - fairly good

4 - fairly good 4 - good

5 - good 5 - very good

6 - very good

7 - excellent

8 - unsurpassed

At individual fastness data the numbers mean:

First number - change of shade

Second number - staining of undyed adjacent polyamide fabric

Third number - staining of undyed adjacent fabric prescribed by corresponding standard norm

At rubbing fastness the given numbers mean staining on undyed cotton fabric.