Illustration on polyester fabric

1,0%

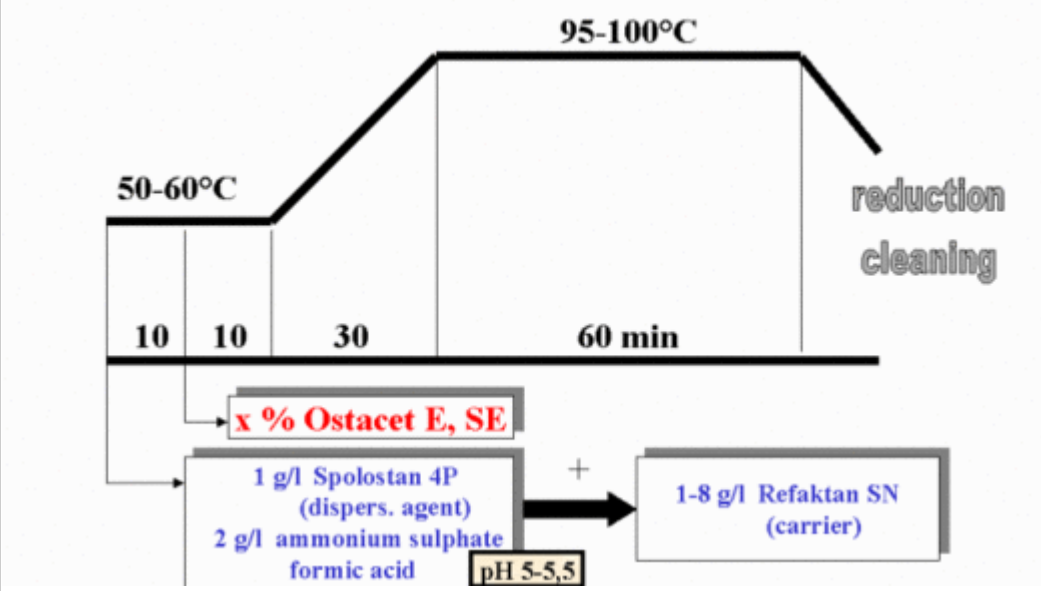
Characteristics	
C. I.	Disperse Orange 31
C. I. No.	111135
CAS No.	68391-42-4
Chemical class	Azodye

Properties					
Migration	4				
Fastness	**polyester**				
standard depth	*1/25*	*1/12*	*1/6*	*1/3*	*1/1*
Světlo Xenotest	5	5	5-6	5-6	6

	polyester		
standard depth	*1/1*		
Water	4-5	5	4-5
Washing 60°C	4-5	5	5
Washing 95°C	4-5	4-5	4-5
Sea water	4-5	5	4-5
Swimming bath water	4-5		
Perspiration acid	4-5	4-5	4-5
Perspiration alkaline	4-5	4-5	4-5
Dry heat 180°C	4-5	4-5	
Dry heat 210°C	3-4R	2	

Application possibilities

Exhaustion carrier dyeing - polyester ●



Exhaustion HT dyeing - polyester ●

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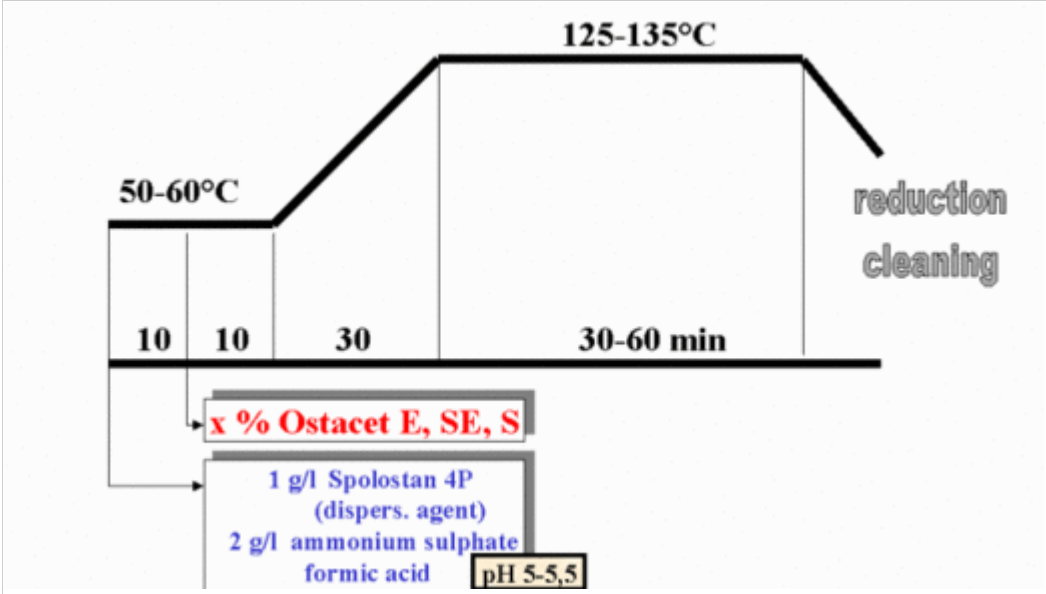
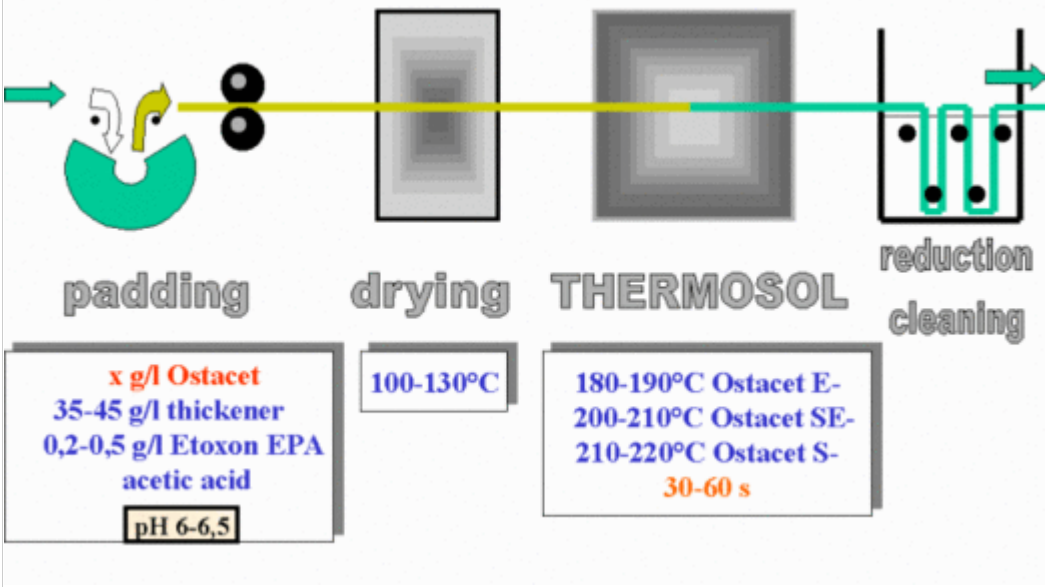


Thermosol - polyester ●



●
suitable

Testing methods

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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.	

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