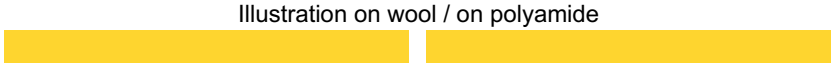
Illustration on wool / on polyamide



1,0% 1,3%

Characteristics	
C. I.	Acid Yellow 25
C. I. No.	18835
CAS No.	6359-85-9
Chemical class	Azodye

Properties	
Solubility (g/l at 90°C)	30
Levelling	3-4
Dyeing method - wool	I, II
Dyeing method - polyamide	V

Fastness	wool						polyamide	
standard depth	*1/25*	*1/12*	*1/6*	*1/3*	*1/1*	*2/1*	*1/3*	*1/1*
Světlo Xenotest	4D	4D	5D	5D	6D	6-7D	5-6	6

	wool		
standard depth		*1/1*	
Water	4RD	4-5	4-5
Washing 40°C	4DW	4-5	4-5
Perspiration acid	4-5	4-5	4-5
Perspiration alkaline	4-5	4	4-5
Sea water	4DW	4-5	4-5
Hot pressing dry after 4h	4-5		
Rubbing dry			4-5
Milling alkaline, mild	4DW	4-5	5
Carbonizing	4-5D	4-5	
Decatizing	5		
Dry cleaning	4-5		

	polyamide		
standard depth		*1/1*	
Water	4-5	4-5	4-5
Washing 40°C	4-5	5	5
Washing 60°C	4	5	5
Sea water	4	4	4
Swimming bath water	4		
Hot pressing dry after 4h	4R		5
Perspiration acid	4-5	4	4
Perspiration alkaline	4-5	4	4
Rubbing dry			5
Nitrogen oxides	4R		
Dry heat 150°C	4-5	5	5

Application possibilities
Wool I ●

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phone: +420 466 821 111 • fax: +420 466 822 900 • e-mail: synthesia@synthesia.eu
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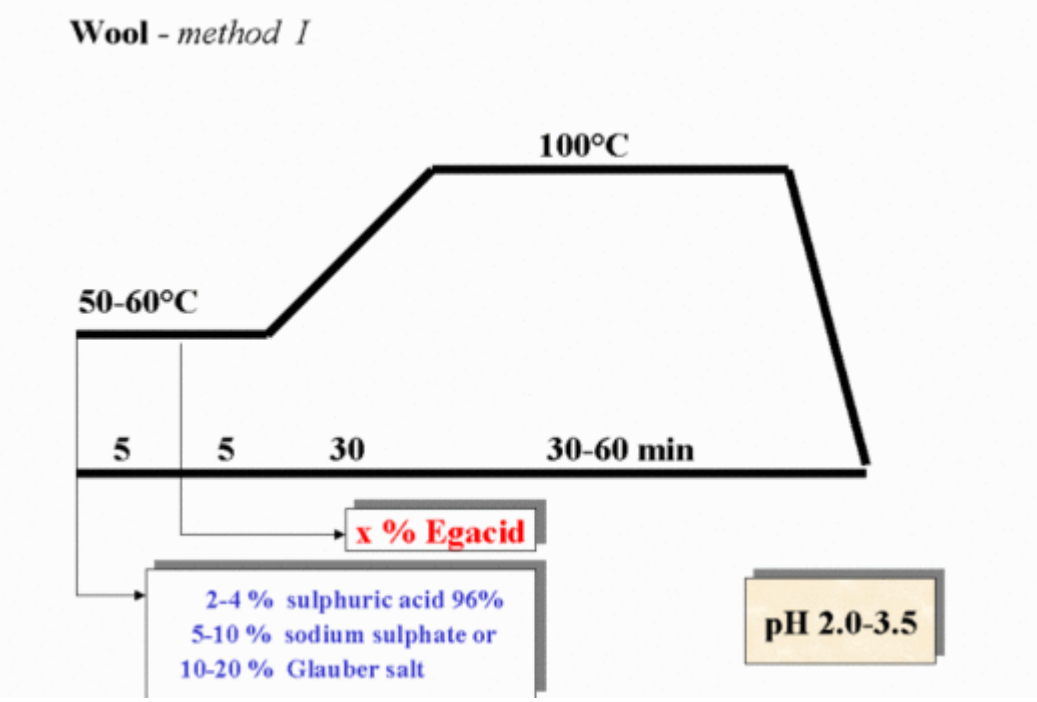
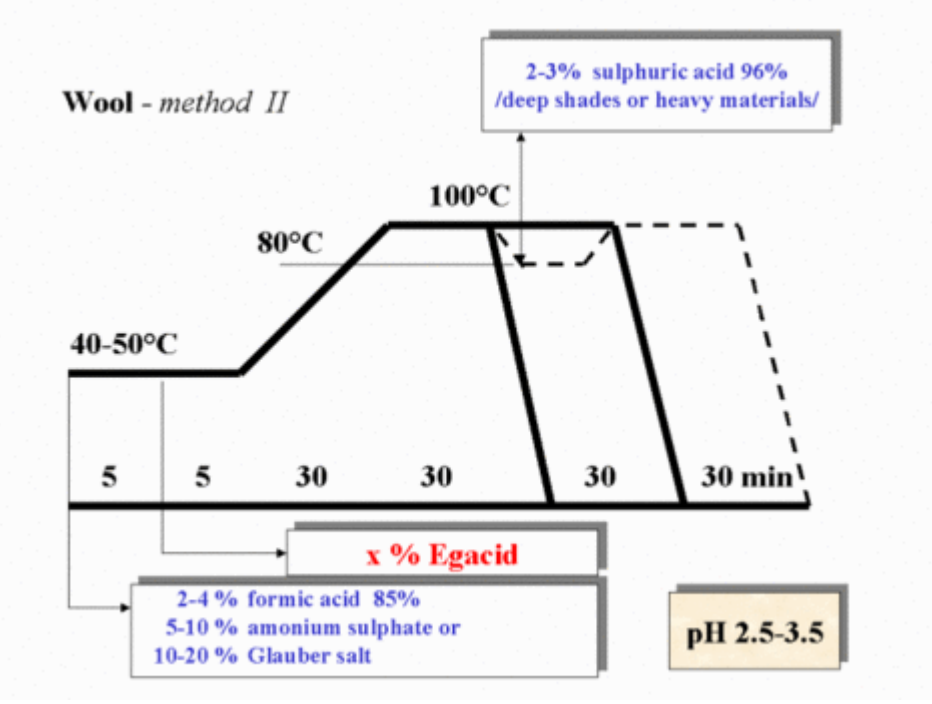


Wool II ●



Polyamide V ●

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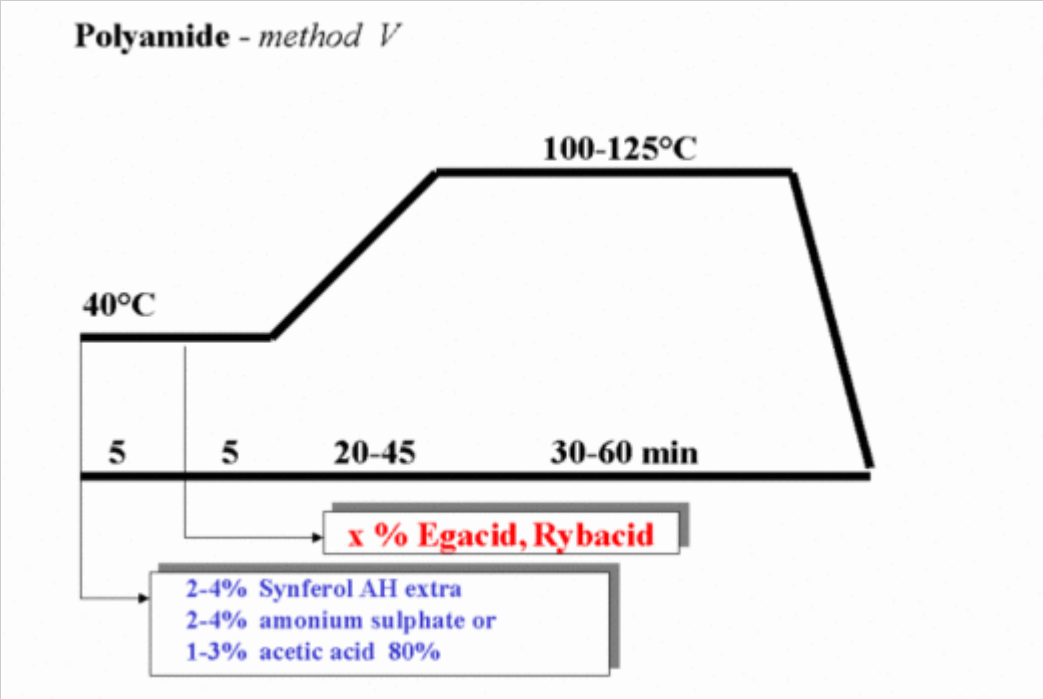

● suitable ◐ partially suitable ○ unsuitable

Testing methods

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Solubility	
The figures express solubility of dye in grams of dissolved dye in one liter distilled water at 90°C	
Levelling	
The given figures mean:	
5 - excellent levelling	
4 - very good levelling	
3 - good levelling	
2 - lower levelling	
1 - poor levelling	
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
Milling	DIN 54 040
Carbonizing	ISO 105-X02-1993
Decatizing	ISO 105-E10-1994
Dry cleaning	ISO 105-D01-1993
The fastness figures in the tables show:	
fastness to light	*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	
The individual values at fastness data mean:	
first number	- change of shade
second number	- staining on undyed adjacent woolen material
third number	- staining on undyed adjacent cotton material
The figures at carbonizing mean:	
first number	- change of shade before neutralizing
second number	- change of shade after neutralizing

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