

Illustration on polyester fabric / on polyamide

1,5%

0,40%

### Characteristics

|                |                   |
|----------------|-------------------|
| C. I.          | Disperse Blue 56  |
| CAS No.        | -                 |
| Chemical class | Anthraquinone dye |

### Properties

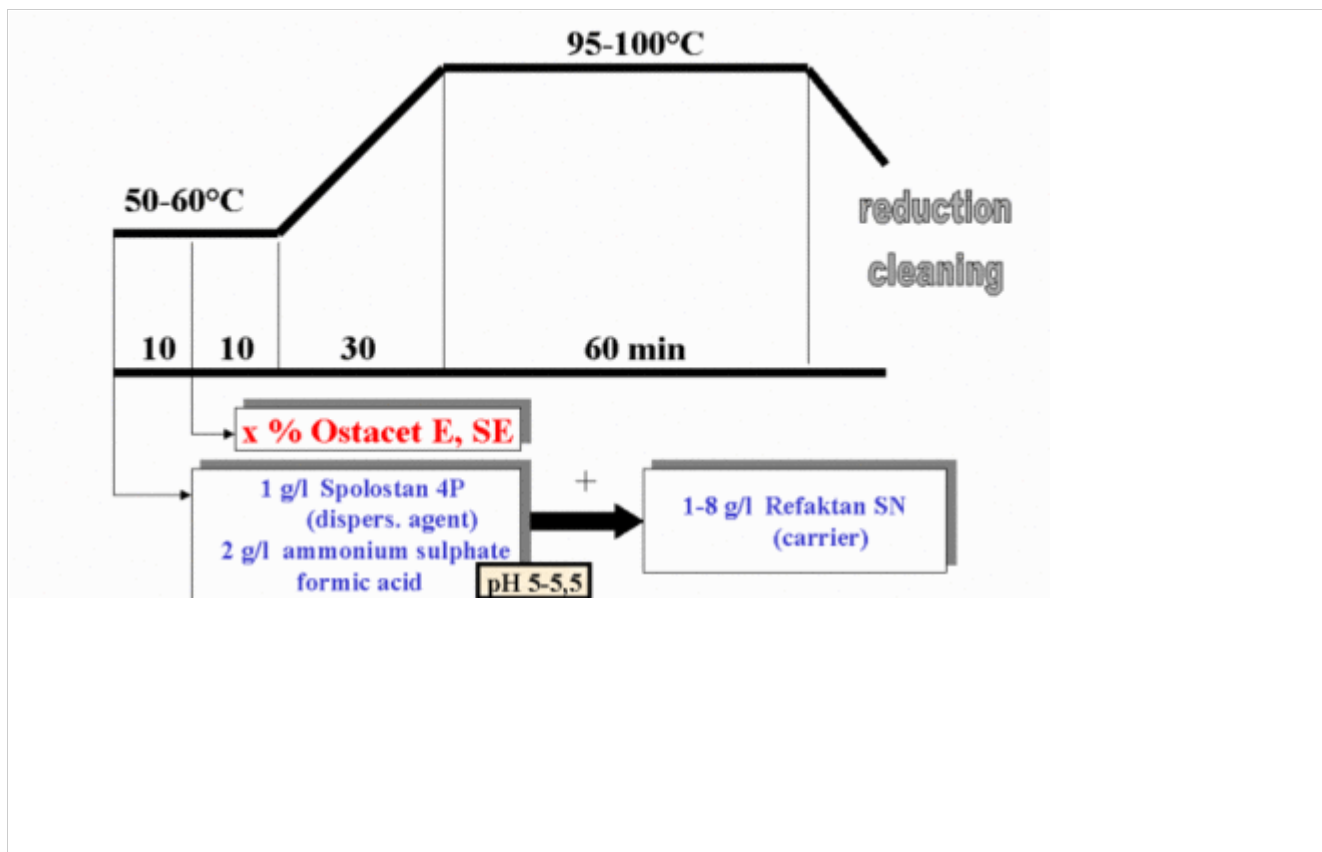
|                                 |     |
|---------------------------------|-----|
| Migration - polyester           | 5   |
| Migration - polyamide           | 1/1 |
| Covering of stripes - polyamide | 1   |

### Fastness

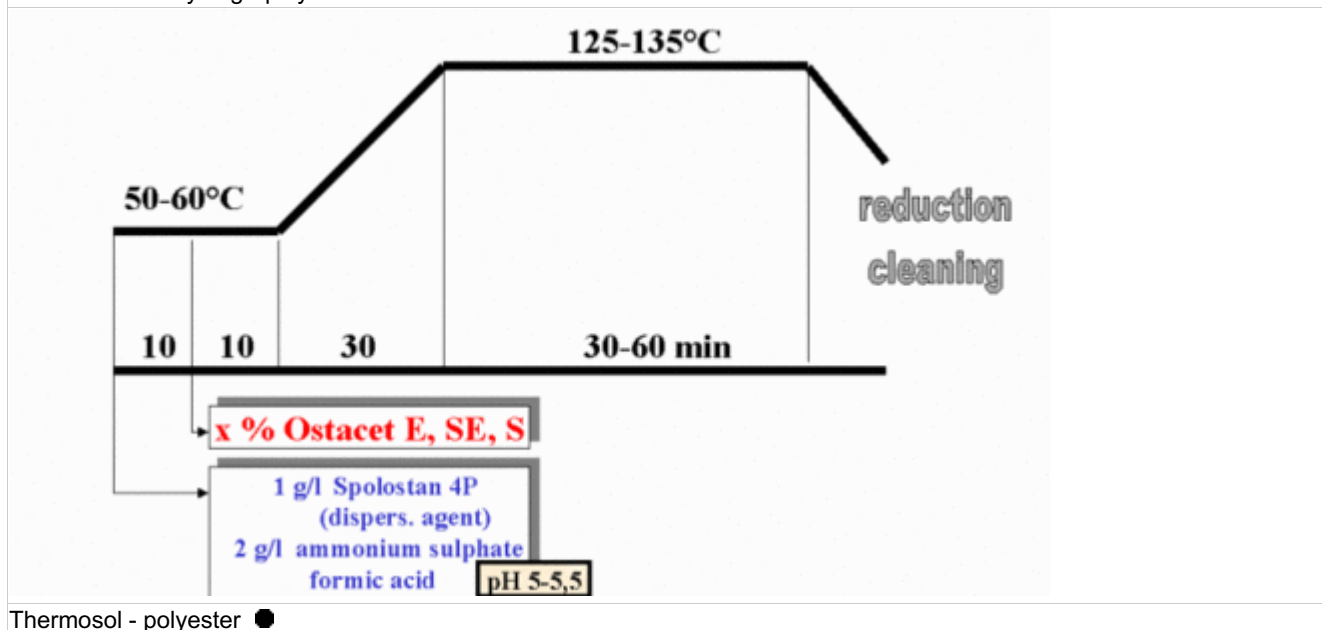
| Fastness               | polyester |      |     |     |     | polyamide |     |
|------------------------|-----------|------|-----|-----|-----|-----------|-----|
| standard depth         | 1/25      | 1/12 | 1/6 | 1/3 | 1/1 | 1/6       | 1/3 |
| Světlo Xenotest        | 6         | 6-7  | 6-7 | 7 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

### Application possibilities

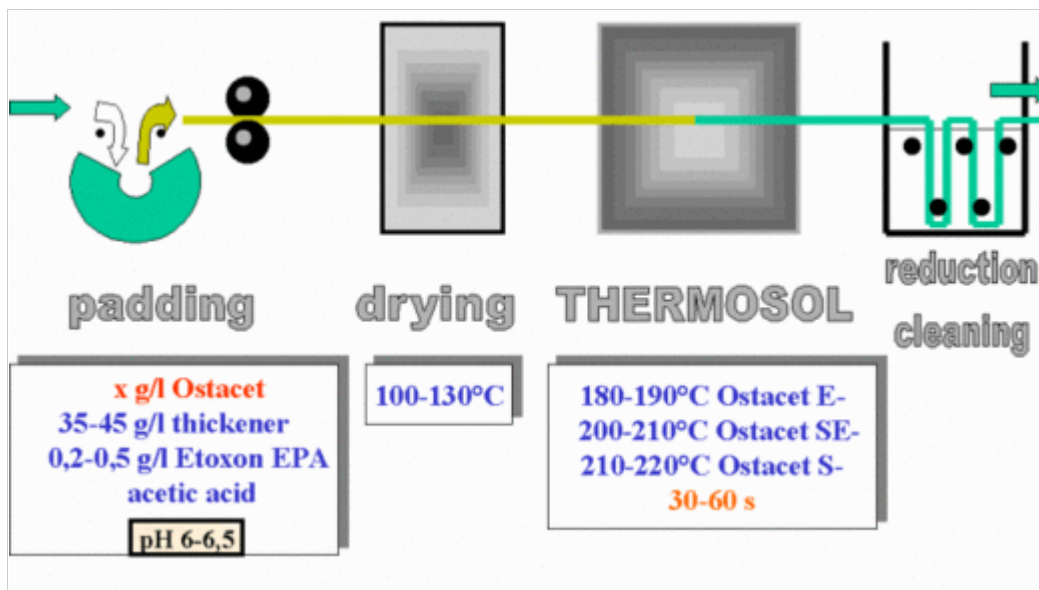
Exhaustion carrier dyeing - polyester ●



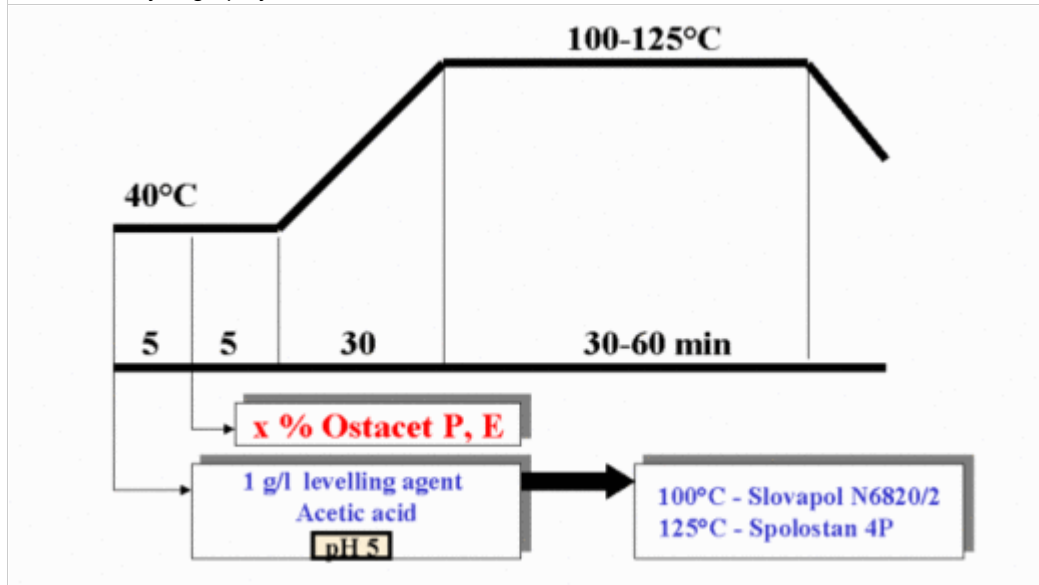
Exhaustion HT dyeing - polyester ●



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.