

In addition to brochure 873004

## NEW! CIBACRON<sup>®</sup> Strong Black MI-950 reactive ink

### Shade on cotton



CIBACRON BLACK MI-900  
Item 1895180



CIBACRON Strong Black MI-950  
Item 0376233

### Textile preparation

The fabric should be appropriately treated (bleaching, sizing, etc.) before preparation for printing

The goods are prepared by padding with:

\*amount dependent on type of fabric and fixation method

for cotton or viscose

100–200 g/l Ciba<sup>®</sup> IRGAPADOL<sup>®</sup> MP\*

100–300 g/l urea\*

40 g/l alkali\*, e.g. soda ash

20 g/l Ciba<sup>®</sup> LYOPRINT<sup>®</sup> RG

(anti-reduction agent)

10 g/l Ciba<sup>®</sup> LYOPRINT<sup>®</sup> AIR 1:1

(de-aerating agent)

pick up: 70–80%

### Ink jet printing

See the instructions issued by the manufacturer of the ink jet printer.

Optimum printing conditions are: **temperature 20–22°C/68–72°F, humidity 40–50%**.

The use of Ciba<sup>®</sup> CLEANJET CS as a pre-fill and cleaning solution is recommended.

### Fixation

**For cotton:** steam at 102°C/215°F for 7–10 min

**For viscose:** steam at 102°C/215°F for 7–10 min

or thermofix at 180–190°C/356–374°F for 4–1 min

### Washing off

The composition and sequence of the treatment baths depend on the fabric and machinery available.

**Cotton/viscose:**

rinse for 5 min with cold water

soap for 5 min at 98°C/210°F with 2 g/l CIBAPON<sup>®</sup> R

soap for 5 min at 98°C/210°F with 2 g/l CIBAPON<sup>®</sup> R

rinse for 3 min at the boil

rinse for 3 min at the boil

rinse warm/cold

### Fastness properties

| CIBACRON <sup>®</sup> | Xenon lamp ISO | Light AATCC 16E | Water ISO 105/E01 |    |    | Washing 4, 95°C ISO 105/C04 |    |    | Chlor. Water ISO 105/E03 20 mg/l Ch | Acid perspiration ISO 105/E04 |    |    | Alkaline perspiration ISO 105/E04 |     |    |
|-----------------------|----------------|-----------------|-------------------|----|----|-----------------------------|----|----|-------------------------------------|-------------------------------|----|----|-----------------------------------|-----|----|
|                       |                |                 | Ch                | CO | WO | Ch                          | CO | WO |                                     | Ch                            | WO | Ch | Ch                                | CO  | WO |
| Strong Black MI-95    | 5–6            | L6              | 5                 | 5  | 5  | 4–5                         | 5  | 5  | 4Y                                  | 5                             | 4  | 4  | 5                                 | 4–5 |    |

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