



ORGANIC DYESTUFFS CORPORATION

CORPORATE OFFICE

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ORCOFIX MN

- Description:** Versatile anionic after-treating and reserving agent for acid and premetallized dyes on nylon.
- Properties:**
- | | |
|-----------------------|-----------------------------------|
| <i>Appearance</i> - | viscous red-brown pourable liquid |
| <i>Ionic charge</i> - | anionic |
| <i>Solubility</i> - | all proportions in water |
| <i>Stability</i> - | excellent stability above pH 4 |
- Advantages:** This product is applicable to jet-dyeing due to its shear stability.
- Procedures:**
- After-fixing:*
After-rinse dyed goods thoroughly.
Set new bath at pH 5.0 - 5.5 with acetic acid and run at 120°F(49°C) for 5 - 10 minutes.
Add 2 - 5% owg **Orcofix MN** (depending on depth of shade) and run additional 10 minutes at 120°F(49°C)
Add additional acetic acid to bring pH down to 4.5 - 5.0 and raise temperature to 160 - 170°F(66-77°C), holding this temperature for 30 minutes.
Drop bath and dry.
- Note:* Nonionic surfactants should not be evident in the after-fixing bath.
- Reserving:*
Orcofix MN can be used as a reserving agent to prevent the staining of nylon fibers with direct dyes when dyeing nylon / cellulose. In all cases, the **Orcofix MN** (1.5 - 3.0% owg) is added after the acid dyes are completely exhausted and prior to the addition of direct colors.
Set bath at 110°F(43°C) and adjust to pH 5.5 - 7.0 with acetic acid or trisodium phosphate.
Circulate goods for 5 - 10 minutes then add acid dyes.
When dye is exhausted at the boil, reduce temperature to 190-200°F(88-93°C).
Add 1.5 - 3.0% owg **Orcofix MN** in two portions.
Continue running for 5 - 10 minutes.
Add direct dyes with circulation and run for 5 - 10 minutes prior to adding common salt.
Run 30 minutes at 190 - 200°F(88-93°C). Drop bath and give salt rinse.

C O L O R A N T S F O R A L L I N D U S T R I E S

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