

# Leveling agent for nylon MIGREGAL N-48B

MIGREGAL N-48B is a leveling agent for nylon with affinity for fibers and dyes. It exhibits excellent leveling effect for a wide range of acid dyes centering on milling type dyes. In addition, since it has low foaming properties, it can also be used in jet dyeing machines.

## 【Properties】

Appearance	yellow clear liquid
Component	special sulfate ester compounds
Ionic	amphoteric
p H	about 8.5 (1% solution)
Solubility	dissolves in water in any proportion

## 【Characteristic】

- ① MIGREGAL N-48B exhibits excellent leveling effect for a wide range of acid dyes centered on milling type dyes.
- ② MIGREGAL N-48B is low foaming.
- ③ MIGREGAL N-48B has little undyed dye residue after dyeing, and has excellent reproducibility.
- ④ MIGREGAL N-48B is a “bluesign approved” product.



## 【How to use】

- Add 1~2g/l to the dyeing bath.

## 【Foaming test】

Test method : 500 ml of the adjusted liquid was stirred at high speed for 10 minutes with a mixer, and the height of foam was measured from immediately after stopping until 5 minutes later.

Liquid temperature: room temperature, 50°C.

Test product : 1) MIGREGAL N-48B 1g/L 2) Comparison product 1g/L  
acetic acid 1g/l combined use

unit : mm

	Immediately	A f t e r 30 seconds	A f t e r 1 minute	A f t e r 2 minute	A f t e r 3 minute	A f t e r 4 minute	A f t e r 5 minute
MIGREGAL N-48B room temperature	34	28	20	20	15	13	12
MIGREGAL N-48B 50°C	30	21	15	13	10	10	10
Comparison product room temperature	44	40	39	38	33	33	30
Comparison product 50°C	46	37	36	33	26	26	25

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The information contained in this pamphlet is offered as a guide to our customers. It is based on our experience over many years, but we are unable to undertake any responsibility as to its accuracy.