

TECHNICAL BULLETIN

Textile Processing Compound



Let You LEAD The Process

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Nestogen - JFD

(Silicone Based Defoaming Agent)

Description:

Nestogen - JFD is highly dispersible and stable in hard water. It's stable and performs at high temperature and high pressure and will not degrade under high shear conditions found in textile jet dye applications.

Properties:

Chemical nature	:	Polysiloxen condensate
Appearance	:	Milky white liquid
pH of 1% aq. Sol ⁿ	:	5.5-7.4
Solubility	:	easily dispersed in cold water.

Features:

- Highly dispersible
- Stability to high shear
- Heat stability
- Stability to pressurization
- Electrolyte compatibility
- Stability to a wide range of pH

Application:

Nestogen - JFD is added separately to the side tank of a jet-dyeing machine without further dilution at a level of 0.1 to 2 grams per liter (100-2000 ppm), depending on the foam characteristics of the bath.

Exact concentrations and performance can be determined by conducting standard laboratory foam tests with a sample of the foaming medium.

Packing: 50 Kg Carboys

Storage & handling precautions:

- Store in a cool place
- Avoid storing in direct sunlight.
- The shelflife of Nestogen - JFD is Six Months, if storage temperature is below 40°C
- The usual precaution for chemicals should be observed i.e. keeping away from eyes and skin.

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength.

NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

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