

POLYSPERSE PN

Special-formulated levelling and dispersing agent

- Properties** : - is compatible with anionic, cationic and nonionic products.
- is a qualified levelling agent for wool, silk and polyamide which dyed by 1:2 pre-metalized dyes.
 - is an excellent dispersing agent for dyeing of acrylics and its blends.
 - prevents dyestuff agglomerations and also soiling of dyeing machines while dyeing acrylics.
 - precipitation inhibitor in single step dyeing with anionic and cationic dyes.
 - improves rubbing fastness while using in after-soaping step in naphthol dyeing.
 - is resistant to acids, alkaline, electrolytes and water hardness in usual concentrations.
 - is not sensitive to frost.

Field of application

Substrate : acrylic, wool, silk, polyamide, polyester

Aggregate : exhaustion procedures

Operation : dyeing

Characteristics

Type of product : alkyl polyglycol ether

Ionic nature : nonionic

Appearance : clear viscose liquid

pH of 1% sol. : neutral

Application

Dissolving method : It must be heated well to make a viscose liquid, then add the warm water while stirring up to obtain a homogeneous liquid.

In order to produce good dyestuffs dispersion, it is recommended that the product pre-added to the Machine before any other auxiliaries. The dyestuffs are then added and dyeing carried out in the normal manner. The optimum quantity of **Polysperse PN** is dependent on the type of goods, dyestuffs, color depth desired and dyeing conditions.

Guide recipes : 1.0 – 3.0 % **Polysperse PN**

Storage stability : 12 months in original drums.

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities - also with a view to claims of third parties - are excluded.