

# POLYSPERSE OG

## Dispersing and levelling agent for polyester dyeing

- Properties** :
- results in a very homogenous dyeing
  - has a high dispersing effect
  - increases the stability of dye-baths
  - prevents crease marks and spotty dyeing
  - Non-foaming after 40 - 45 °C in HT and jet applications
  - is a highly effective dispersing agent for dyestuffs and pigments.
  - imparts good levelling and migration of dyes and pigments without any particles separation, in small dosage (0.1-2.0% related to dye weight).
  - enhances excellent continuous and HT dyeing process because of its low foaming property.
  - improves wet ability, milling properties of disperse dyes in powder form.
  - is resistant to acids, alkaline and water hardness in usual concentrations.

## Field of application

- Substrate** : polyester and polyester blends
- Aggregate** : HT, jet, haspels
- Operation** : dyeing

## Characteristics

- Type of product** : fatty acid derivative
- Ionic nature** : non-ionic
- Appearance** : light yellowish to amber, clear

## **Application**

**Dissolving method** : Easily dissolved in water.

Since it has a high active substance, it is recommended that it should be diluted into 1:2 - 1:3 before use.

In order to produce good dyestuffs dispersion, it is recommended that the product 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 OG** is depended on the type of goods, dyestuffs, color depth desired and dyeing conditions.

**Guide recipes** : 0.8 - 2.0 g/l **Polysperse OG**

**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.