

POLYCARRIER PES

Carrier for dyeing PES and PES blends

- Properties** :
- is relatively poor in odour.
 - is emulsified and dispersed in warm water.
 - is free of chlorinated hydrocarbons and O-phenylphenol.
 - has good emulsion stability and no danger of carrier marks.
 - improves dye diffusion, dispersion and migration; also prevents tarring and spot trouble.
 - provides good leveling and streak covering properties, particularly in HT dyeing.
 - helps to improve the absorption of disperse dyes at the sub-boiling temperature zone and also increase the build-up properties and migration capacity of the dyeing at higher temperature region.
 - is widely used in exhaustion dyeing of PES, PES/Co and PES/Wo blends in various temperature range.
 - is very effective under atmospheric and high temperature dyeing conditions.

Field of application

- Substrate** : PES and its blends
- Aggregate** : continuous and semi-continuous
- Operation** : dyeing

Characteristics

- Type of product** : alkylnaphthalene derivative
- Appearance** : clear, yellow liquid
- pH of 1% sol.** : approx. 7.5-8.0
- Ionicity** : anionic

Application

Guide recipes : The application amount depends on various factors such as the respective dyestuffs, liquor ratio, the dyeing temperature and the depth of shade.

For L:R = 1:10 – 1:20, following amounts in different Temp. recommended :

At 90 - 98 °C , 50-60 min. , 2.0-3.0 g/l **Polycarrier PES**

At 100-130 °C , 30-40 min. , 1.0-2.0 g/l **Polycarrier PES**

Storage stability : 12 months in closed original drums at approx. 20°C.

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.