

MEROPAN EF 150

Karakteri	Acid donor for dyeing polyamide and wool
Kimyasal Karakteri	Carboxylic acid ester
Görünümü	Yellowish, clear liquid
İyonik karakteri	–
%10'luk çözeltinin pH değeri	2.5 – 5.5
20°C'de özgül ağırlığı	1.20 ± 0.03
Dayanımı	MEROPAN EF 150 is stable to water hardeners. The product is sensitive to alkalis. The product is not sensitive to frost.
Depolama	Store MEROPAN EF 150 in well closed containers and protected from temperatures above 40 °C. On proper storage in closed original containers, the product is stable for at least 12 months.

Properties

MEROPAN EF 150 is an acid donor for the automatic pH control of the dyebath when dyeing polyamide and wool with anionic dyes. In contrast to common buffer systems which keep the pH value at a constant level, MEROPAN EF 150 evenly decreases the pH value during the heating phase up to a final pH of 4.0. Thus, the dyes can evenly exhaust to the fabric throughout the complete dyeing process, so that an optimal and controlled dyebath exhaustion is achieved. This pH control sets good pre-requisites for achieving even dyeings which are improved furthermore by the simultaneous application of a suitable levelling agent (e.g. SARABID IPD, SARABID IPF or SARABID IPM).

MEROPAN EF 150 impairs neither the fastness to light nor the wet and rubbing fastnesses of the dyeings.

Application Technique

Diluting Instruction

MEROPAN EF 150 can be easily diluted with cold water.

Uygulama tavsiyeleri

MEROPAN EF 150 is mainly applied for dyeing polyamide but also for dyeing wool. The product is added to the cold dyebath directly when starting the dyeing. The application amount depends on the desired final pH value and the dyeing conditions.

The initial pH value ought to be generally in the neutral to slightly alkaline range depending on the colour depth, the dyes in use and the substrate:

- 7.5 - 9.0 for polyamide
- 7.0 - 8.0 for wool

We recommend the following application amounts:

0.30 - 1.25 ml/l MEROPAN EF 150

Depending on the substrate and dyeing processes, final dyebath pH values of 4.0 are possible when using MEROPAN EF 150.

Please note:

The product must not get in contact with water before being used to avoid a premature hydrolysis. Therefore, we recommend diluting MEROPAN EF 150 with cold water only directly before dyeing and adding it then to the bath. The containers ought to be only opened immediately before taking out the product. Moreover, please be sure that no water gets into open containers and that the containers are quickly closed after use.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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