

ITODEEPENER ED, is a bathochromic agent that enhances the depth of shade. ITODEEPENER ED is effective on polyester, cotton, wool and woollen blends.

PROPERTIES

- **Appearance** : White Liquid
- **Ionic Character** : Weakly Cationic
- **pH** : Acidic
- **Solubility** : Easily soluble in water

APPLICATION

In Padding:

- **ITODEEPENER ED** : 10 - 40 g/l
- **pH** : 5.0
- **Drying** : 110°C for 1 - 2 min.
- **Curing** : 150°C for 1 min

In Exhaustion:

- **ITODEEPENER ED** : 1 - 3 %
- **Liquor Ratio** : 10:1, at 50 - 55°C for 20 - 40 min.
- **pH** : 4.5 - 5.5
- **Dehydrating and Drying** : 100°C
- **Curing** : 150°C for 1 min

1. General quantity to be used is 30g/l to 50g/l. In case you use anti-static agent with ITODEEPENER ED, 10g/l of ITOANTISTAT LJ3 is recommended.
2. ITOANTISTAT LJ3, anti-static agent, can improve bathochromatic effects. In this case, both agents should be mixed after diluting both agents with more than 5 times volume of water respectively.

CHARACTERISTICS

1. ITODEEPENER ED exhibits excellent bathochromic effect for dyed polyester fabrics especially black dyed cloth and give an increase in depth of up to 30%.
2. ITODEEPENER ED gives a soft handle to treated fabrics.
3. ITODEEPENER ED has little effect on fastness, giving a fastness result that is better than would be obtained if more dye were used to obtain the deeper shade.
4. Recommend for use on polyester microfibre where more dyestuff would be required to obtain a similar depth of shade compared to other polyester fabrics.
5. Applicable to 100% cotton fabrics, particularly for reactive and sulphur black dyed denim goods.
6. Applicable to 100% wool when dyed with acid, metal complex and reactive dyes.
7. Especially useful to obtain a depth of shade that may not be possible by dyeing alone

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

MAGNACOLOURS[®]
IMAGINATION INK[™]



MagnaColours Limited
Upper Cliffe Road,
Dodworth Business Park,
Barnsley, S75 3SP, UK

T: 00 44 (0) 1226 731751
F: 00 44 (0) 1226 731752
E: info@magnacolours.com
www.magnacolours.com

Company registered in
England No. 01378495,
VAT No. GB 997 3172 70

