

ITOFINISH LJ5000 is a textile finishing agent containing commonly used cosmetic ingredients.

Three main components of ITOFINISH LJ5000 have the following properties.

1. g-oryzanol is a generic name of ferulic acid esters such as triterpene alcohol and phytosterol. It is contained in oryza sativa (rice) germ oil, as a typical nutritional component of rice bran. It is an essential ingredient for anti-ageing skincare cosmetics
2. Vitamin E (anti-oxidant ingredient) is a very common cosmetic ingredient as it is an antioxidant vitamin
3. Squalane is a saturated hydrocarbon that imparts softness and moisturising properties

## PROPERTIES

- **Appearance** : Milky white emulsion
- **Ionic Character** : Weakly anionic
- **pH** : 6.0 - 8.0
- **Solubility** : Easily soluble in water (stir solution thoroughly before use)

## APPLICATION

### In Padding:

- **ITOFINISH LJ5000** : 30 - 50 g/l
- **ITOBINDER AG** : 50 g/l
- **Drying** : 120°C for 1 - 2 min.
- **Curing** : 150°C for 1 min.

### In Exhaustion

- **ITOFINISH LJ5000** : 3 - 5 %
- **ITOBINDER AG** : 5 %
- **Liquor Ratio** : 10:1, at 40°C for 15 min.
- **Dehydrating and Drying** : 100°C
- **Curing** : 150°C for 1 min

## 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**<sup>®</sup>  
IMAGINATION INK<sup>™</sup>



**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](mailto:info@magnacolours.com)  
[www.magnacolours.com](http://www.magnacolours.com)

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



## APPENDIX

### Test Data

Substrate : Nylon Pantyhose

### Recipe

- **ITOFINISH LJ5000** : 50 g/l
- **ITOBINDER AG** : 20 g/l
- **Liquor Ratio** : 30:1, at 40°C for 15 min
- **Dehydrating & Drying** : 100°C.
- **Hygroscopic Property** : Measured at 20°C, 80% RH

	Blank	ITOFINISH LJ5000
An hour later	100	100
3 hours later	100	112
5 hours later	100	117
7 hours later	100	117

(Comparison data if hygroscopic property of blank is 100)