

ITOFINISH UV is a range of light sensitive coloured pigments giving reversible colour change by light.

APPLICATION

In Printing:

- ITOFINISH UV : 50 - 200
- Print Paste : 950-800
- ITOSILICONE LJ88 : x (as required for handle)
- Pigment : x - x
- Total : 1000
- Mesh size : 80 - 100 mesh
- Pre dry : 100°C
- Cure : 150°C for 4 minutes

** A high level of binder is necessary due to the relatively high pigment concentration being used.

In Padding:

- ITOFINISH UV : 50 - 100g/l
- ITOBINDER AG : 50g/l
- ITOSILICONE LJ88 : 10-20g/l (as required for handle)
- Drying : 100°C for 1 - 3 min.
- Curing : 150°C for 4 min.

In Exhaustion:

- Set bath at 30°C with goods circulating @ a liquor ratio of 10:1
- Add 3% of Pre diluted ITOFIX EZF
- Raise to 50°C and run for 25 minutes
- Drain bath, fill and give a 2 minute rinse with cold water, then drain again
- Fill bath & raise to 50°C, add well dispersed 5-10% ITOFINISH UV and run for 25 minutes
- Add well dispersed 5% of ITOBINDER AG (add softener as required)
- Run for a further 25 minutes, drain bath and unload
- Add softener as required in same or fresh bath.
- Run for a further 10 minutes if adding softener.
- Hydro extract goods
- Dry/Cure @ 150°C (temperature must not exceed 150°C)

PROPERTIES

- Appearance : Coloured liquid

CHARACTERISTICS

1. The molecular structure of ITOFINISH UV pigments change when subjected to UV radiation causing their colour to change from colourless to coloured.
2. Three basic colours are available, Colourless to yellow, colourless to blue and colourless to purple.
3. Additional colours are available as made to order and include, orange, magenta and pale blue.
4. It is possible to have a varying range of colours by compounding with conventional pigment colours.
5. Low colour fastness to light.

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

