

ITOGUARD LJ100 CONC provides durable water and oil repellency for synthetic fibers such as polyester, nylon, and its blends. Furthermore, ITOGUARD LJ100 CONC, with its low foaming property is remarkably stable to aeration, which normally causes scum problems, and is trouble-free during production.

PROPERTIES

- **Appearance** : White Liquid
- **Main Ingredient** : Fluorocarbon based high molecule compound polymer (30%).
- **Ionic Character** : Weakly Cationic.
- **pH** : Approx 2.5
- **Solubility** : Readily soluble in cold water

APPLICATION

In Padding:

- **ITOGUARD LJ100 CONC** : 5-40 g/l
- **Drying** : 120°C for 1-2 min.
- **Curing** : 170°C for 1 min

In Exhaustion:

- **ITOGUARD LJ100 CONC** : 1 - 2 %
- **Liquor Ratio** : 10:1, at 40°C for 20 min.
- **Dehydrating and Drying** : 100°C
- **Curing** : 150°C for 2 min

NOTE

The optimum amount of ITOGUARD LJ100 CONC depends on the type of dyed material, the level of repellency desired, and presence of other chemicals.

Cross-linking agent to be used:

For polyester, nylon : Melamine resin / catalyst
1 - 3g/l

For cellulosic, wool : ITOXLINKER LJ10
10g/l

CHARACTERISTICS

1. ITOGUARD LJ100 CONC is a non-hazardous product.
2. ITOGUARD LJ100 CONC imparts excellent water and oil repellency to polyester and nylon fabrics, with high degrees of wash durability.
3. ITOGUARD LJ100 CONC has excellent penetration property itself, which eliminates the use of isopropyl alcohol.
4. ITOGUARD LJ100 CONC has little or no affect to the hand of the treated fabric.
5. ITOGUARD LJ100 CONC, when used as a pretreatment agent of resin coating, provides excellent peeling strength.

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

