

ITOGUARD LJC6400 is C6 fluorocarbon water repellent finishing agent.

PROPERTIES

- **Appearance** : Milky White emulsion.
- **Ionic Character** : Weakly cationic
- **pH** : Acidic
- **Solubility** : Easily diluted in water.
- **Solids content** : 20%
- **Specific gravity** : 1.1 @ 20°C

APPLICATION

In Padding:

- **ITOGUARD LJC6400** : 15-40 g/l
- **ITOXLINKER LJ10** : 5-10g/l
- **Drying** : 100-120 for 1-2 min.
- **Curing** : 150-170°C for 2

CHARACTERISTICS

1. Does not PFOA/PFOS at or above current detection limits.
2. Imparts excellent water repellent performance to treated fabrics.
3. Imparts low oil repellent performance to treated fabrics.
4. Imparts soft handle to treated fabrics.
5. Excellent compatibility with residual materials from previous processes.
6. Non-Flammable.
7. APEO Free.

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



APPENDIX

Examples of use.

Finishing method : Pad

Fabrics :

1. 100% Polyester (dyed, tropical)	100% pickup
2. 100% Nylon (dyed, fixed, taffeta)	32% pickup
3. 50/50 Polyester/Cotton woven (un-dyed)	61% pickup

Drying conditions : Cure @ 170°C x 1 min.

Evaluation : Water repellence : ISO 4920 :1981 (Spray method)

Results 1 : Water repellence

		Water Repellence					
		5g/l	10g/l	15g/l	20g/l	30g/l	50g/l
Polyester	ITOGUARD LJC6400	3	5	5	5	-	-
	Competitor C8	3	5	5	5	-	-
Nylon	ITOGUARD LJC6400	-	4	5	5	5	-
	Competitor C8	-	4	5	5	5	-
Polyester/Cotton	ITOGUARD LJC6400	-	3	3+	4	4	4
	Competitor C8	-	3	3+	4	4	4