

ITOGUARD LJC6100 is a C6 fluorocarbon water and oil repellent finishing agent that imparts excellent, wash durable, stain release properties to treated fabrics.

PROPERTIES

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

APPLICATION

In Padding (Poly & Poly/cotton):

- **ITOGUARD LJC6100** : 10-70 g/l
- **ITOXLINKER LJ10** : 5-15g/l
- **Drying** : 100-120 for 1-2 min.
- **Curing** : 150-170°C for 2 min

In Padding (100% cotton):

- **ITOGUARD LJC6100** : 10-120 g/l
- **ITOXLINKER LJ10** : 5-15g/l
- **Drying** : 100-120 for 1-2 min.
- **Curing** : 150-170°C for 2 min

CHARACTERISTICS

1. Does not PFOA/PFOS at or above current detection limits.
2. Imparts excellent stain release performance to treated fabrics.
3. Wash durable
4. Excellent compatibility with residual materials from previous processes.
5. Non-Flammable.
6. 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.

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APPENDIX

Examples of use.

Finishing method : Pad

Fabrics :

1. 100% Polyester (tropical)	80% pickup
2. 65/35 Polyester/Cotton (un-dyed))	66% pickup
3. 100% cotton Broadcloth	70% pickup

Condition : Dry @ 110°C x 1.5 min
Cure @ 170°C x 1 min.

Evaluation : Oil repellence : AATCC-118
Stain release : AATCC 130 (Dirty motor oil on polyester and polyester /cotton, corn oil to cotton)

Washing : JIS L 1902 (air drying after washing)

Results 1 : Water repellence

		Polyester		Poly/Cotton		Cotton
ITOGUARD LJC6100 ITOXLINKER LJ10 ITORESIN M3 ITOCATALYST A		50g/l 10g/l	50g/l 3g/l 3g/l	50g/l 10g/l	50g/l 3g/l 3g/l	80g/l 10g/l
Stain release	Initial	5	5	2.5	3	5
	20 HL	3	4	2	2.5	5
Oil Repellence	Initial	5	5	5	5	4
	20 HL	3	3	3	3	3