

ITOGUARD LJC6500 is a C6 fluorocarbon water and oil repellent finishing agent.

PROPERTIES

- **Appearance** : Milky White emulsion.
- **Ionic Character** : Weakly cationic
- **pH** : Acidic
- **Solubility** : Easily diluted in water.
- **Solids content** : 30%

APPLICATION

In Padding:

- **ITOGUARD LJC6500** : 20-50 g/l
- **ITOXLINKER LJ10** : 5-10g/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 water repellent performance to treated fabrics.
3. Imparts oil repellent performance to treated fabrics.
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 (dyed, tropical)	100% pickup
2. 100% Nylon (dyed, fixed, taffeta)	35% pickup

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

Evaluation : Water repellence : ISO 4920 :1981 (Spray method)
Bundemann : ISO 9865: 1991 (Bundemann rain-shower test)

Results 1 : Water repellence

	Polyester	Nylon
ITOGUARD LJC6500 ITOXLINKER LJ10	40g/l 10g/l	50g/l 10g/l
Spray (initial)	5	5
Spray (20 washes)	5	5

Results 2 : Bundemann

		Polyester	Nylon
ITOGUARD LJC6500 ITOXLINKER LJ10		40g/l 10g/l	40g/l 10g/l /l
Initial	0 minute	5	5
	10 minute	4.5	4.5
20 washes	0 minute	5	5
	10 minute	4.5	4.5