

ITOGUARD LJC6850 is a C6 water and oil repellent finishing agent.

## PROPERTIES

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

## APPLICATION

### In Padding:

- **ITOGUARD LJC6850** : 10-100 g/l
- **ITOXLINKER LJ10 (for improved durability)** : 10 gm/l
- **Drying** : 100-120 for 1-2 min.
- **Curing** : 150-170°C for 2 min

### In Exhaustion:

- **ITOGUARD LJC6850** : 1-10 %
- **ITOXLINKER LJ10 (for improved durability)** : 1 %
- **Liquor Ratio** : 10:1, at 40°C for 20 min.
- **Dehydrating and Drying** : 100°C
- **Curing** : 170°C for 2 min

## CHARACTERISTICS

1. Contains no PFOA/PFOS or their precursors according to current detection limits.
2. Imparts excellent water, oil and stain repellent performance to treated fabrics.
3. Excellent compatibility with residual materials from previous processes.
4. Non-Flammable.
5. 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 results.

**Finishing method :** Pad

**Fabrics :**

1. Polyester 100% (dyed, Tropical)	Dry & cure @ 170°C x 3min
2. Nylon 100% (dyed, fixed, Taffeta)	Dry & cure @ 170°C x 6min
3. Cotton 100% (dyed, not fixed, Plain woven)	Dry Cure @ 170°C x 3 min.

**Evaluation :**

Water repellence	ISO 4920 AATCC-22 (Spray method)
Oil repellence	AATCC 118

	1. Polyetser	2. Nylon	3. Cotton
ITOGUARD LJC6850	30g/l	50g/l	50g/l
Pickup	85%	35%	60%
Water Repellence	5	5	5
Oil Repellence	5-6	4	6