

ITOGUARD LJC6300 is a PFOA free water and oil repellent fluorocarbon finish.

## PROPERTIES

- **Appearance** : Milky White emulsion
- **Ionic Nature** : Nonionic
- **pH** : Acidic
- **Specific gravity** : 1.1 @ 20°C
- **Solids Content** : 30%
- **Solubility** : Readily dissolves in cold water
- **Storage** : Store between 5°C and 35°C, not in direct sunlight and protect from frost

## APPLICATION

### In Padding:

- **ITOGUARD LJC6300** : 10 - 100g/l
- **Dry** : 100-120°C x 1 - 2 min
- **Cure** : 160-180°C x 1 - 2min

## CHARACTERISTICS

1. Imparts good water repellence to various fabric types
2. Imparts low oil repellence to various fabric types
3. PFOA free - Does not contain PFOA or precursors at or above current detection limits.
4. Good compatibility with both cationic and anionic agents
5. Suitable for application onto glass fibers
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**<sup>®</sup>  
IMAGINATION INK<sup>™</sup>



**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](mailto:info@magnacolours.com)  
[www.magnacolours.com](http://www.magnacolours.com)

Company registered in  
England No. 01378495,  
VAT No. GB 997 3172 70



## APPENDIX

### Example Application on glass fiber

- **Fabric** : Glass (76mm x 26mm, thin 1.0 - 1.2mm)
- **Application** : Coating/dipping
- **Drying** : 120°C x 10 min
- **Dipping solution** : 30% ITOGUARD LJC6300  
70% water
- **Testing** : Contact angle using water and Hexadecane

### Recipe/Results

	Water	Hexadecane
Untreated Glass	41 deg.	Absorbed
Treated Glass	112 deg.	71 deg.