



ITOGUARD ECO 6336 Liq.

Technical Data Sheet

Introduction

ITOGUARD ECO 6336 Liq. is a fluorinated water & oil repellent finishing product for textiles made of synthetic and cellulosic fibers, especially cotton, polyester and their blends.

1. Features

- ITOGUARD ECO 6336 Liq. is a high-quality water/oil repellent finishing agent for synthetic and cellulosic fabrics.
- ITOGUARD ECO 6336 Liq. shows compatibility with numerous textile chemicals such as crosslinking agents, catalysts, softeners and other textile auxiliaries. It is always advised to run tests before large-scale production.
- ITOGUARD ECO 6336 Liq. does not contain any APEO (Alkylphenolethoxylate), PFOAs (perfluorooctanic acids) and PFCAs (perfluorocarboxylic acids) with longer chains.
- ITOGUARD ECO 6336 Liq. is a nonflammable product.

2. Physical/Chemical Properties

Appearance	Liquid, milky white emulsion
pH (25 °C)	Acidic
Ionic charge	Weakly cationic
Solubility	Easily soluble in water
Flash Point	100°C
Solid Content	20 %

3. Application

ITOGUARD ECO 6336 Liq. can be applied by padding or foam method. Depending on the type of fiber and expected effect, the amount used for padding method is 15 - 70 g/l. Optimal pH for the finishing liquor is approximately 4-5.

Recommended Usage:

100% Cotton

30-60 g/l ITOGUARD ECO 6336 Liq. (30-100% wet pickup)

Standard processing conditions:

- Drying at 100-120°C for 1-3 min.
- Curing at 150-170°C for 1-3 min



ITOGUARD ECO 6336 Liq.

PES/Cotton

20-50 g/l ITOGUARD ECO 6336 Liq. (30-100% wet pickup)

Standard processing conditions:

- Drying at 100-120°C for 1-3 min.
- Curing at 150-170°C for 1-3 min

100% PES

20-40 g/l ITOGUARD ECO 6336 Liq. (30-100% wet pickup)

Standard processing conditions:

- Drying at 100-120°C for 1-3 min.
- Curing at 150-170°C for 1-3 min

* Adjusting pH between 4-6 during process is recommended.

** Higher curing temperatures might have a positive effect on washing fastness.

*** Addition of crosslinking agents is proven to increase durability against washing.

4. Precautions for use

- ITOGUARD ECO 6336 Liq. can be stored for at least 6 months at 5°C – 40°C.
- Stir well before use.
- Use under adequate ventilation is recommended. It is not safe to breathe any vapor or mist.
- Wear protective equipment when handling. Avoid direct contact with eyes and skin.
- See the Material Safety Data Sheet for further information about safe use.

This technical brochure prepared by MEKSA serves the purpose of providing useful information to our customers. MEKSA makes no warranties, expressed or implied, about any results. It is strongly recommended for our customers to run tests under their standard processing conditions before