



ITOGUARD E6008 liq.

Technical Data Sheet

Introduction

Itoguard E6008 liq. is a fluoroproduct developed by our company with the purpose of increasing oil & water repellency of textiles made of synthetic and cellulosic fibers, especially cotton, polyester and their blends.

1. Features

- Itoguard E6008 liq. is a highly effective water/oil repellent for synthetic and cellulosic based fabrics.
- Itoguard E6008 liq. has shown high compatibility with numerous crosslinking agents, catalysts, softeners and other textile auxiliaries. Running tests before using is encouraged.
- Itoguard E6008 liq. does not contain any APEOs (Alkylphenolethoxylates), PFOAs (perfluorooctanic acids) and PFCAs (perfluorocarboxylic acids) with longer chains.
- Itoguard E6008 liq. is nonflammable.

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

3. Application

Itoguard E6008 liq. can be applied by padding and foam methods. Depending on the fiber properties and expectations, the amount used for padding method is 30 - 80 g/l. Finishing liquor's optimal pH is approximately 4-5.

Recommended Usage:

100% Cotton

40-80 g/l Itoguard E6008 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



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PES/Cotton

40-70 g/l Itoguard E6008 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

30-50 g/l Itoguard E6008 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

* It is recommended to adjust pH between 4-6.

** Higher curing temperatures may have a beneficial effect on washing fastness.

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

4. Precautions for use

- Itoguard E6008 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 Company 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 use.