

Unidyne TG-5673

is a water-based fluorocarbon polymer emulsion. It imparts water and oil repellency to e.g. textiles and nonwovens.

Product Features

- Based on C-6 chemistry
- 30% solid
- Imparts excellent water repellency and good oil repellency to all types of fabric substrates, especially for synthetic fiber
- Imparts excellent performance in rain-shower-tests (Bundesmann), when combined with cross-linker
- Excellent process ability

Physical Properties

<i>Appearance</i>	light yellow emulsion
<i>Charge</i>	nonionic
<i>pH</i>	3,0
<i>Specific gravity at 25°C</i>	1,0 - 1,1 g/cm ³
<i>Solubility</i>	fully miscible with water

Storage / Shelf-life

- TG-5673 should be stored according to the Material Safety Data Sheet
- Avoid freezing
- When stored using the recommended conditions, shelf-life is 18 months after production date

Safety

Before using this product, please read the current Material Safety Data Sheet and the precautionary statement on the product package.
Follow all applicable directions.

Application Guide

- Padding process
- pH of the finishing liquor 3-7
- pick-up 30-90%

Standard recipe

<i>Substrate</i>	Cotton / Synthetics / Blends
<i>Concentration</i>	10 - 60 g/l TG-5673
<i>Curing conditions</i>	160 - 180° C, 30 - 90 sec., depending on the material*

Durable / Bundesmann recipe

<i>Substrate</i>	Synthetics / Blends
<i>Concentration</i>	40 - 100 g/l TG-5673 10 - 30 g/l Cross-linker
<i>Curing conditions</i>	160 - 180° C, 60 - 120 sec., depending on the material*

*The lower the curing temperature, the longer the curing time.

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