

Unidyne TG-5676

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 and oil repellency to all types of fabric substrates, especially synthetic fiber
- Imparts excellent performance in rain-shower-tests (Bundesmann), when combined with cross-linker
- Excellent process ability

Physical Properties

<i>Appearance</i>	Off-white or pale red emulsion
<i>Charge</i>	weakly cationic
<i>pH</i>	3
<i>Specific gravity at 25°C</i>	1,1 g/cm ³
<i>Solubility</i>	fully miscible with water

Storage / Shelf-life

- TG-5676 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-5676
<i>Curing conditions</i>	160 - 180° C, 30 - 90 sec., depending on the material*

Bundesmann recipe

<i>Substrate</i>	Synthetics / Blends
<i>Concentration</i>	40 - 100 g/l TG-5676 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.

Daikin Chemical Europe GmbH

Am Wehrhahn 50
40211 Düsseldorf
Germany

Tel.: +49 211 179225-0
Fax: +49 211 179225-39
www.daikinchem.de