

## **Benefit**

- Efficient absorption and wet-strong hybrid TAD quality
- Decor embossing
- •A large number of towels on each roll: less frequent refilling needed
- •Towels from a roll: unattractive to steal









## **Product properties**

Article	System	Roll Length	Roll Diameter	Core Inner Diameter	Layers	Print	Embossing	Colour
290067	H1 - Hand towel roll system	150 m	19 cm	3.8 cm	2	No	Yes	White

# Shipping data

## Consumer unit

EAN	7322540138597
Pieces	1
Material	Banderole
Height	210 mm
Width	190 mm
Length	190 mm
Volume	7.6 dm3
Net weight	1307 g
Gross weight	1335 g

## Transport unit

EAN	7322540138719			
Pieces	6			
Consumer units	6			
Material	Carton			
Height	247 mm			
Width	388 mm			
Length	588 mm			
Volume	56.4 dm3 7.84 kg			
Net weight				
Gross weight	8.59 kg			

## **Environmental**

#### Content

The fibre composition in the product is virgin and recycled

#### Material

Virgin fibres and recovered paper

In the tissue process both virgin fibres and recovered paper are being used. In the process it is a matter of finding an efficient solution where both virgin fibres and recovered paper play a role. Different fibres demand different processes and this determines the end product properties, and makes the fibre type (recovered or virgin) less important.

The environmental benefits and economic feasibility of recovered paper as a raw material source depend on its availability, transport distance and the quality of the collected material.

#### Bleaching of fibres

Bleaching is a cleaning process of the fibres and the aim is to achieve a bright pulp, but also to get a certain purity of the fibre in order to achieve the demands for hygiene products and in some cases to meet the requirements for food safety.

There are different methods used today for bleaching ECF (elementary chlorine free( where chlorine dioxide is used, and TCF (totally chlorine free) where ozone, oxygen and hydrogen peroxide is used.

#### Chemicals

The chemicals used in the process as well as the functional chemicals are assessed from an environmental, occupational health and safety and product safety point of view.

The used functional chemicals are:

Wetstrength agent

Dry strength agent

Dye

Fixing agents

Fluorescent whitening agent

Glue

Softeners

The process chemicals are:

Antipitch

Protection agent

Yankee coating

Defoamer

Dispersing agents and surfactants

pH and charge control

Retention aids

Broke treatment chemicals

Drainage aid

#### Packaging

Fulfillment of Packaging and Packaging Waste Directive (94/62/EC): Yes

**Food Contact** 

This product fulfils the legislative requirements for Food Contact materials, confirmed by external certification performed by ISEGA. The product is safe for wiping food contact surfaces and may also come occasionally into contact with foodstuffs for a short period of time.

Environmental label=Ecolabel

This product has EU ecolabel.

Date of issue 2013-08-21

Revision date

#### **Production**

This product is produced at Kostheim mill, Germany.

Kostheim mill is certified according to ISO 14001 and EMAS.

#### **Destruction**

This product is mainly used for personal hygiene and can be collected together with household waste.

The packaging can be used for material recovery or energy recovery