



# INNOVATION IN TEXTILES

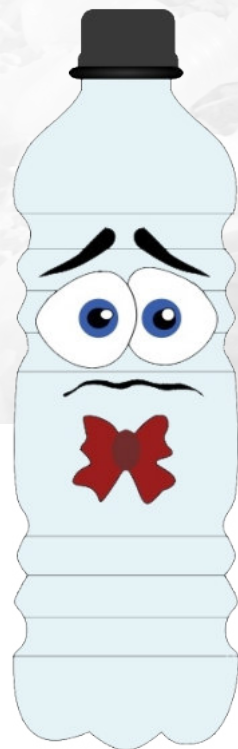
RECYCLED POLYESTER

GREENTEX 

BY CARL WEISKE



# This is PETer.



## PROFILE

**Name:** PETer Bottle

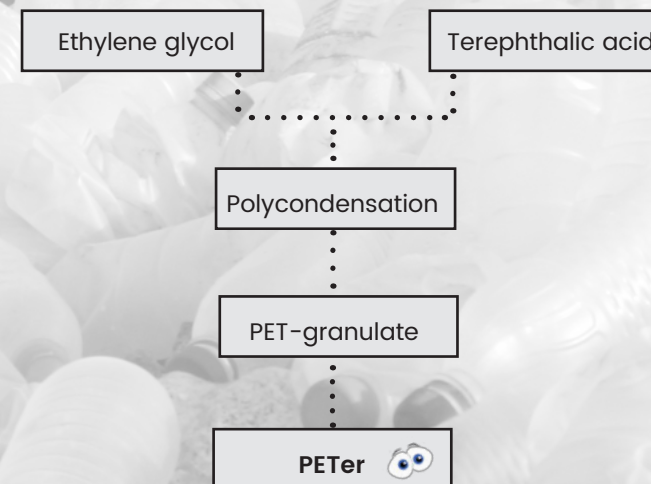
**Age:** Very young – but already drunk up

**Mood:** Inner emptiness.  
Used.  
Unwanted.  
Desperate.

He wonders about the meaning of his short bottle life.

PET = polyethylene terephthalate

# Production PETer.



Requires the fossil raw materials **crude oil** & **natural gas**.

## PET Bottles in Germany per year:

- Production requires **665,000 tons of crude oil**
  - that would be enough to heat 500.000 single-family homes for 1 year
- **11,000,000,000 kwh electricity** & **1,250,000 tons CO2**
- **17,000,000,000 PET bottles**

# THE SUSTAINABLE ALTERNATIVE.



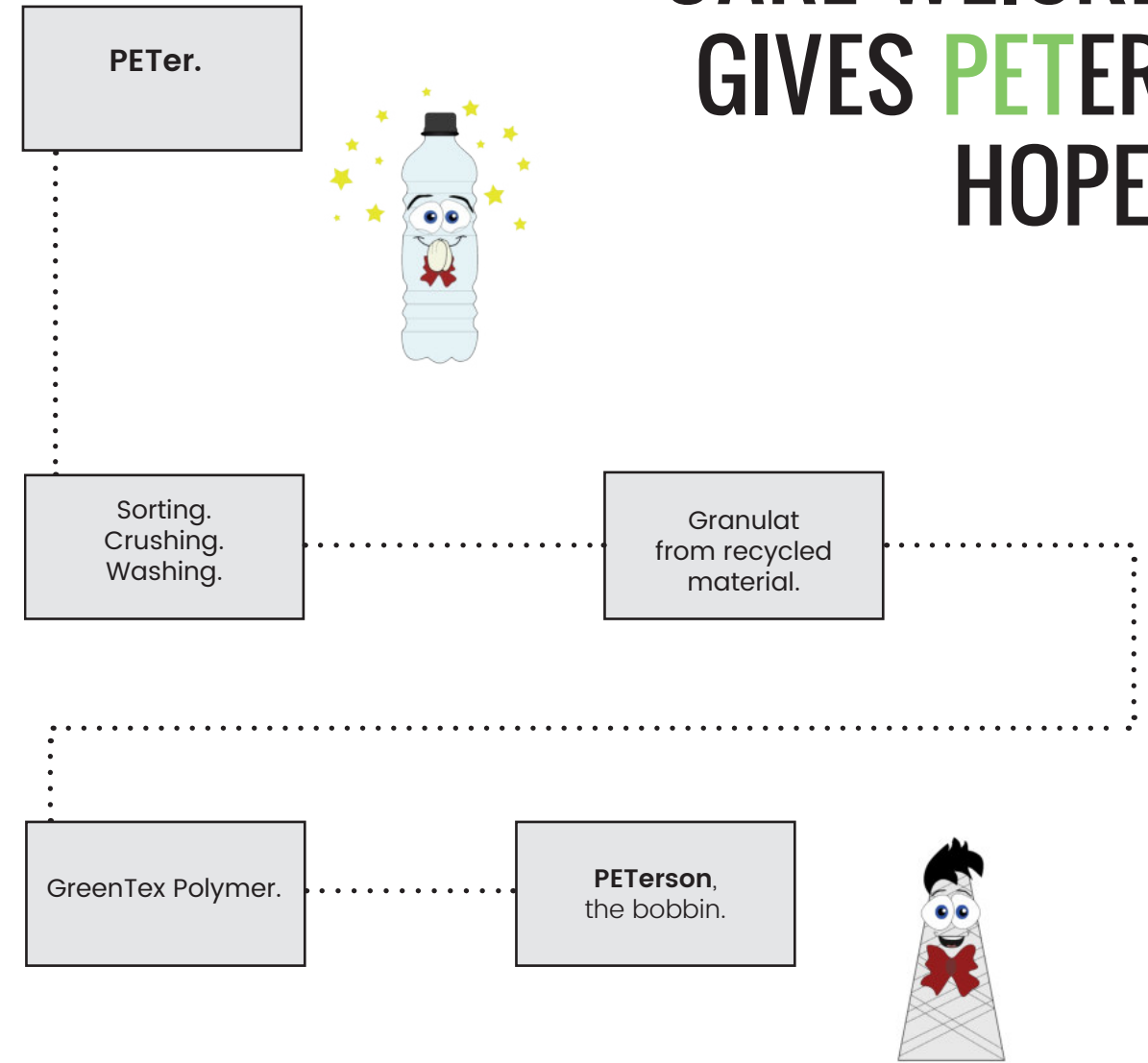
With **GREENTEX** we offer you polyester fibres and yarns from recycled PET bottles.

Terephthalic acid is required in the conventional polyester manufacturing process. This is produced from crude oil and natural gas – two fossil raw materials. Recycling PET bottles provides polyester granulate again. There is no need for additional production.

Thanks to the wide range of possible applications and the recyclability of **GREENTEX**, Carl Weiske increases resource efficiency and thus saves the environment.

So our beautiful world remains worth living in for future generations...

# CARL WEISKE GIVES **PETER** HOPE.



# FEATURES.



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## FEATURES

Recycled  
PET bottles

Made from  
100% recycled  
bottle polymer

High physical  
performance

## QUALITY

Hazardous substance  
testing of the  
bottle polymer

Traceability of the  
recycling cycle

Guaranteed product  
and delivery quality  
through our HIGHTEX  
system

OEKO-TEX  
Standard 100

## STAPLE FIBRE YARNS

100% PES Recycled  
**GREENTEX** Ring-spun Semi-dull Ne 6-40 1-2 ply

## FILAMENT YARNS

100% PES Recycled  
**GREENTEX** Textured Semi-dull dtex 183 1-4 ply

## FIBRES

100% PES Recycled  
**GREENTEX** Semi-dull 1.6 dtex/38 mm

Individual designs, effects and colour variations on request.



# THINK GREEN.

It doesn't matter how big the first step is – but in which direction it is going.

We think ahead.

**GREENCYCLE** – PERMANENT TEXTILE RECYCLING SYSTEM is based on the idea that our GREENCYCLE products help to **prevent harmful substances** or **waste** to pollute the environment.

## TARGETS

- Permanent circle
- Traceability
- Safety regarding product quality
- Sufficiently recyclable textiles
- Pollutant monitoring

# GREENCYCLE

PERMANENT TEXTILE RECYCLING SYSTEM



# JUST LEAN BACK.

Safety through our  
HIGHTEX-System



# CONTACT

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