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PACKAGING
AWARD

SUSTAINABILITY

WINNER
2024

**NEXT GEN PCR
PLASTIC TUBE**

DESCRIPTION

Our NextGen plastic tube is the first PE-HD/LLD PCR tube on the market in which both materials (rPE-HD, rPE-LLD) are made from 100% post-consumer recycled material. It is also fully recyclable as a mono material solution*.

Thanks to its outstanding quality and high degree of purity, the tube has almost comparable optical and haptic properties to a virgin tube even with the use of 100% PCR.

TECHNICAL FEATURES

- **100% PE-HD/LLD PCR**
- **100% PCR plastic** in tube body, shoulder & closure*
- Outstanding quality and **high degree of purity** of the used PreFin PCR material from **WIS Kunststoffe GmbH**
- PCR material PreFin can be used for all diameters (13.5 mm - 50 mm)
- **Material reduction:**
 - Possible with 270 - 300 - 350 µm thin wall thickness (vs. standard 500 µm)
 - **TopTube closure** (Ø 40 & 50 mm, and soon 30 & 35 mm):
 - 69% lighter closure**, ~15-20% material reduction in the tube shoulder
- High recyclability thanks to **mono material**

* excl. printing ink and additives, and (if used) masterbatch ** 2.25 g TopTube closure vs. 7.3 g standard FlipTop Ø 50 mm

YOUR BENEFITS

- First PE-HD/LLD PCR tube on the market in which **both materials** (rPE-HD, rPE-LLD) consist of 100% post-consumer recycled material
- Haptic properties like virgin tube
- Significantly better appearance than existing PCR tubes on the market
- PreFin PCR material from WIS complies with **Cosmetic Regulation 10/2011 EU**, has been tested in accordance with Food Regulation EU10/2011 and complies with its legal limits
- Tested in accordance with the CosPaTox guidelines
- Transparent appearance possible with 100% PCR use
- **Secure supply chain**
- **Consideration of future regulations**, e.g. Packaging and Packaging Waste Regulation (PPWR)
- LINHARDT-exclusive solution

NEXT GEN PCR PLASTIC TUBE
in cooperation with



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