

# ARCH MAGNIF-ECO®

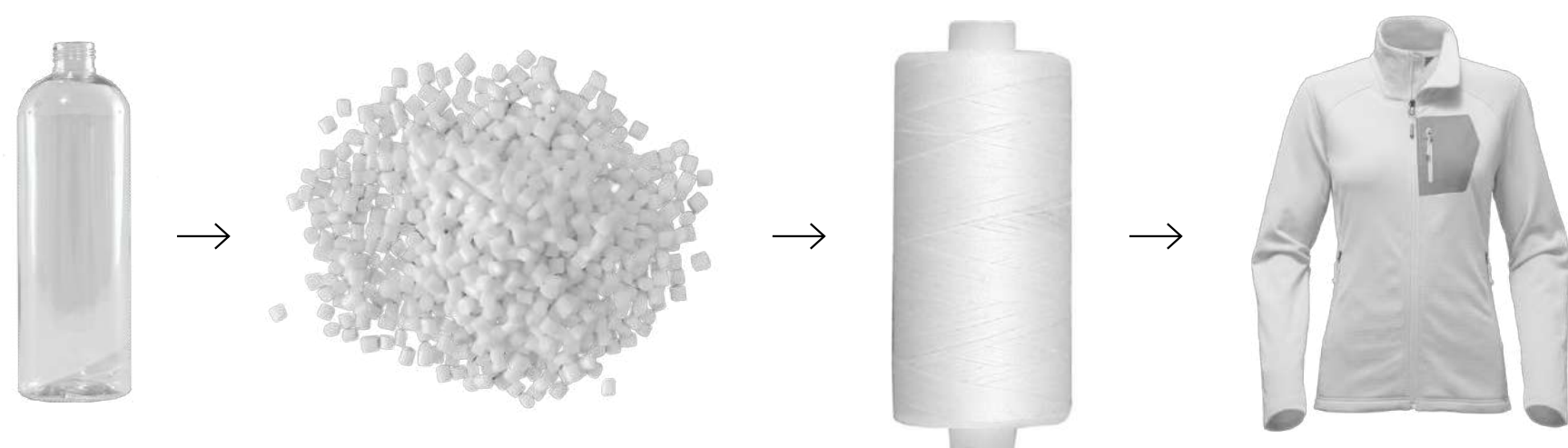


## DRIVING CHANGE BY SUSTAINABLE INNOVATION

Magnif-ECO® recycled fiber technology is designed to be sustainable and traceable. These Eco-friendly fibers are created from post-consumer plastic water bottles or post-industrial fibers and melted with our unique FiberDNA® tracer technology to certify their recycled content. From any point in the supply chain, users can verify the ecological attributes of Magnif-ECO® recycled fibers by analyzing their content and composition.

### FOUR STEP PROCESS

1. Recycled plastic bottle and post-industrial fibers are collected and chopped.
2. The chopped plastic and fibers are grounded, melted and reformulated into Magnif-ECO® Chips.
3. The chips are then melted with FiberDNA® tracer technology and extruded into Magnif-ECO® recycled fiber.
4. The fiber is processed into yarn by spinning and texturing.



## TREACEABLE, FIBER DNA® TECHNOLOGY

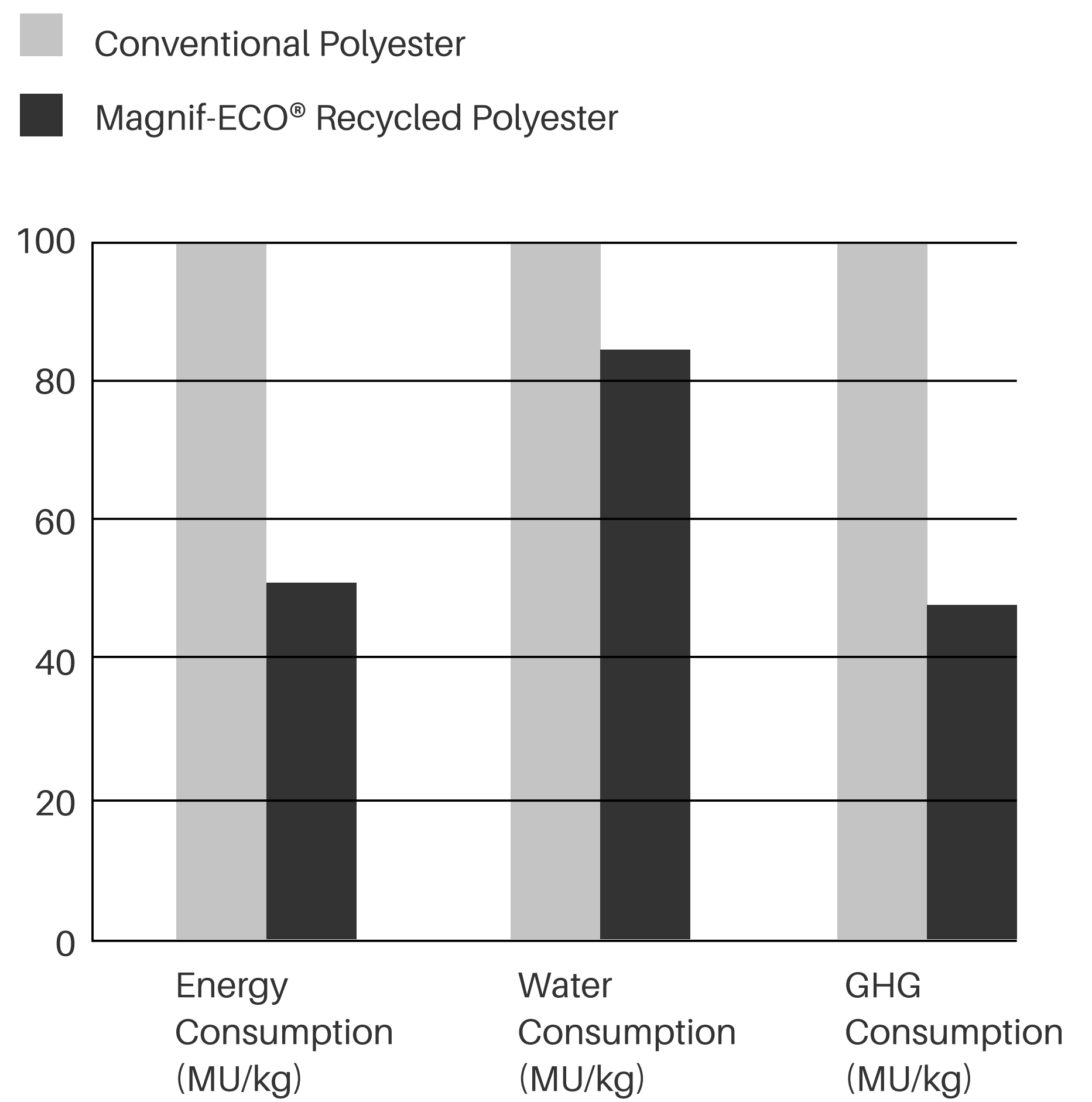
ARCH® FiberDNA® Technology helps customers avoid false environmental claims. This is our proprietary technology, which analyzes fiber content and composition to confirm the ecological attributes of Magnif-ECO® while supporting third party certifications.

## ECO FACTS

In comparison to conventional polyester, Magnif-ECO® reduces the consumption of energy, water consumption, and greenhouse gas emissions.

Based on published and internal data specific to Magnif- Eco® Recycled polyester fiber.

**REDUCES ENERGY CONSUMPTION BY 47%**      **REDUCES GHG EMISSIONS BY 45%**      **REDUCES WATER CONSUMPTION BY 18%**



## AVAILABLE

Available in Magnif-ECO® recycled Polyester, recycled Cationic Dyeable Polyester and recycled Nylon 6. Available in a full range of Magnif-ECO® yarns, including filament, spun polyester yarn and heather combinations. Small lot availability with the potential for custom specs, minimum kgs. Apply.