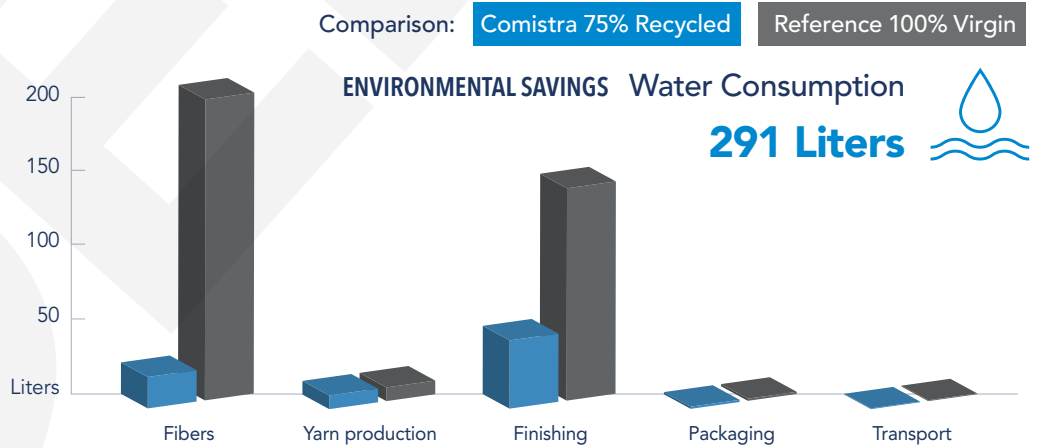
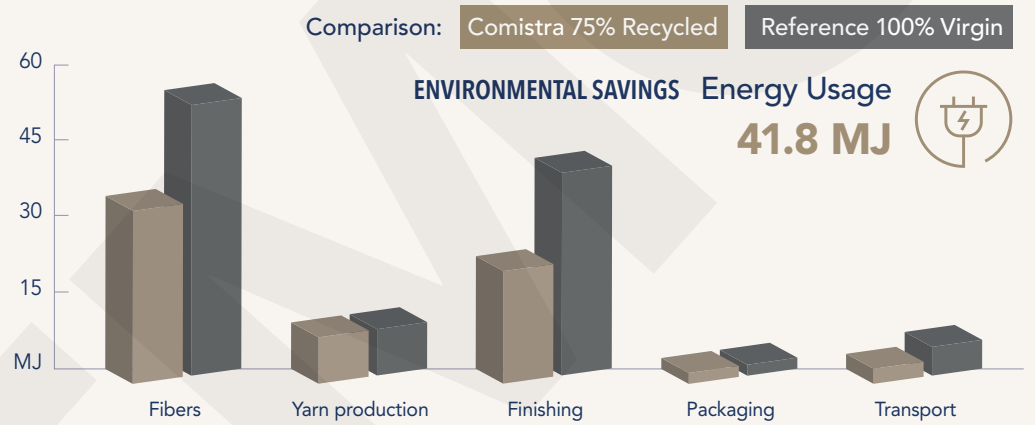
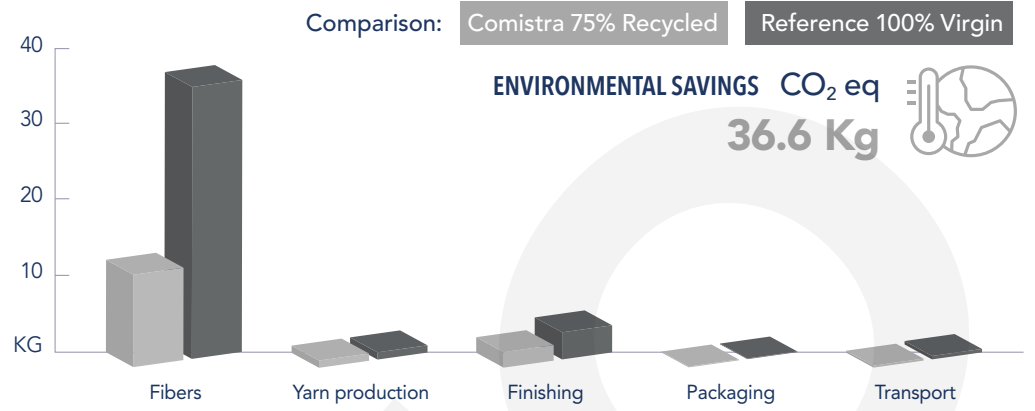


Environmental Impact Report

Comistra Rolando yarn • Date of issue: 10-07-2023



Comistra Rolando

Regenerated Yarns

Composition:

Wool Recycled	70 %
Polyester	15 %
Nylon	10 %
Other Recycled fibers	05 %

Production: Prato - Italy

Input/source material:

Post Consumer waste (Netherlands)

Data per: 1000 gram

Based on primary data supplied by Comistra

Environmental savings of Rolando yarn compared to reference:



366 km
driving
your car



2380 hrs
burning
LED light



10 x
5-minute
showers

Calculation of impact per 1 kg	kg CO ₂ eq	Energy Usage in MJ	Water Consumption in Liters	Land Use m ² crop eq
Fibers	2,33	34,4	17,9	0,0
Yarn production	0,93	9,4	8,9	0,1
Finishing	1,89	22,3	45,4	0,0
Packaging	0,09	2,3	1,4	0,0
Transport	0,21	3,0	0,4	0,0
Total (per 1 kg)	5,46	71,3	74,0	0,2

The calculation of the bAwear-Score is based on the proprietary bAwear textile model and SimaPro software and on the input (primary data) provided. In case primary data was lacking, secondary data was used. The secondary data are extracted from the EcolInvent® database and publicly available literature sources. When using secondary data (in part or solely), the results of the calculation are only indicative. The calculations are performed using ReCiPe 2016 midpoint method. Data security is covered by our partner PRÉ Sustainability, having implemented ISO 27001:2013