

Environmental Impact Report

Bigagli RERAGS Minsk • Date of issue: 27-06-2023



bigagli spa

Lanificio Bigagli RERAGS Minsk

Fabrics from regenerated, natural and synthetic fibers

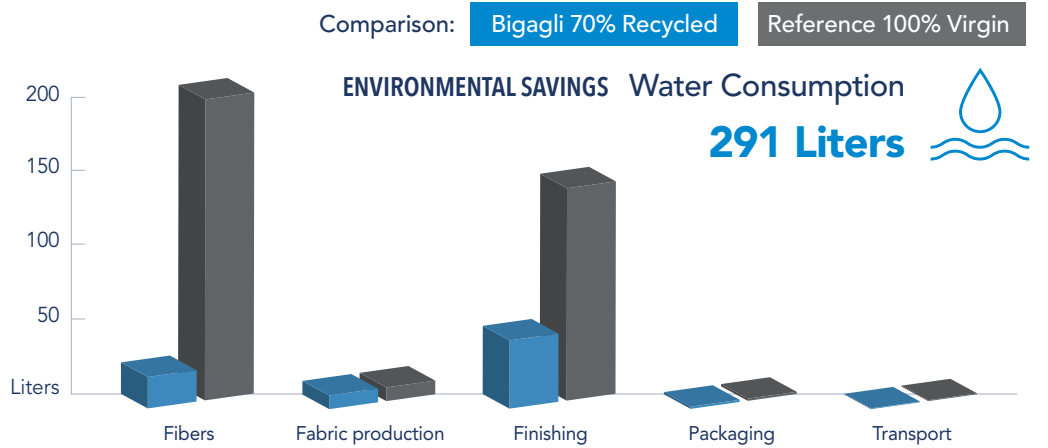
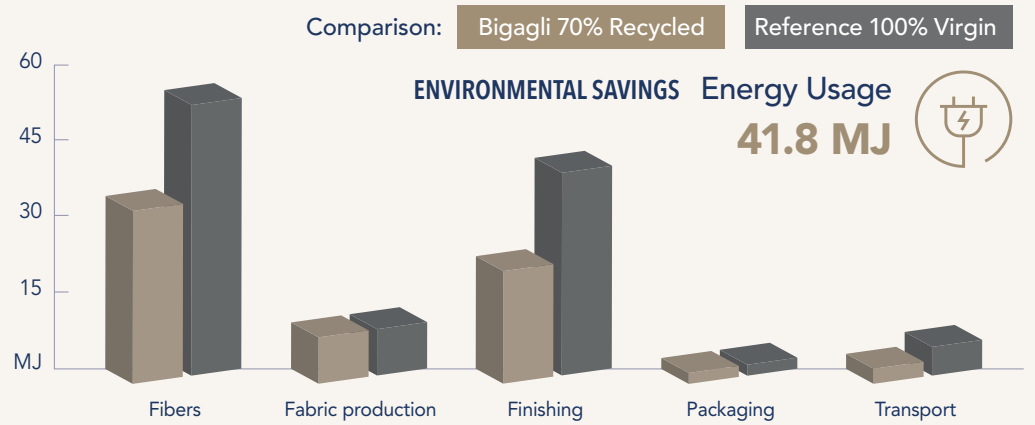
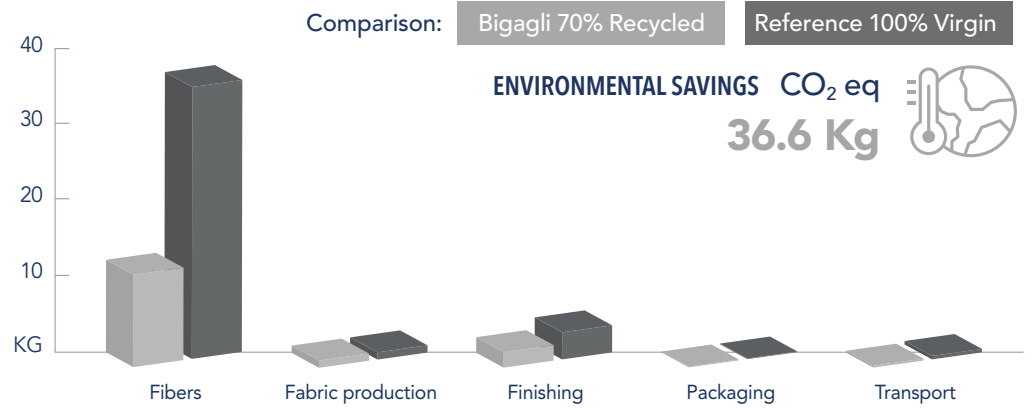
Composition:

Wool recycled	70 %
Polyester	20 %
Polyacrylic	05 %
Polyamide	05 %

Production: Italy

Data per: 1000 gram

Based on partially primary data supplied by Bigagli



Environmental savings of RERAGS Minsk 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
Fabric 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