

CLIMATE DECLARATION FOR TEXBOND® R POLYESTER NONWOVEN

Functional unit: 1 kg of polyester nonwoven with a weight of 120g/m²

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Product

Texbond® is a polyester fiber nonwovens manufactured with staple technology. The fiber used is produced in-house by Freudenberg PoliteX through the recycling of postconsumer PET bottles. The version Texbond® R is always a staple polyester nonwoven, reinforced with glass filaments in machine direction.



Company

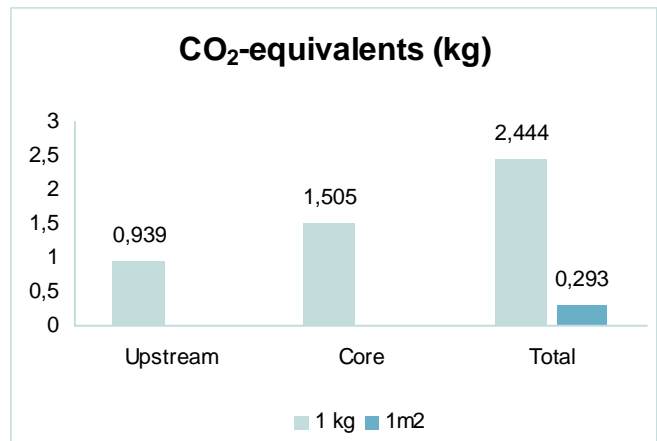
Freudenberg PoliteX is a multinational with its headquarters in Italy at Novedrate (Como). The Group's core business is the production of polyester nonwovens, made using both staple and spunbonded technology. Freudenberg PoliteX Group operations obtained the following certifications: ISO 9001, ISO 14001 and OHSAS 18001.

Climate Declaration

The life cycle of Texbond® R includes upstream, core and downstream processes. Upstream processes include for example extraction and production of raw materials, manufacturing of semi-finished goods, manufacturing of components. Core processes include for example transports, manufacturing processes for the production of Texbond® R, packaging of Texbond® R. Downstream processes, including distribution, use and end of life management, have been considered from a qualitative point of view because of the impossibility to outline a realistic reference scenario

with appropriate data. More information about the life cycle can be found in the full EDP®.

The functional unit of the study is represented by 1 kg of Texbond® R with weight of 120 g/m². For a better understanding of results the environmental information is also represented with surface unit 1 m².



Other environmental information

The complete certified EPD® also contains information on calculation methods and LCA results for other emissions, resource use and waste etc., in accordance with the EPD®system requirements.

Contacts

Freudenberg PoliteX Group
E-mail: marketing@politex.it
www.freudenbergpolitex.com



LINK TO MORE INFORMATION: WWW.CLIMATEDEC.COM/171P		EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM	
REGISTRATION NO: S-EP-00171	PCR: N.A.	PCR REVIEW CONDUCTED BY: N.A. PRE-CERTIFIED EPD®	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: RINA SERVICES S.P.A		ACCREDITED / APPROVED BY: SWEDAC	
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			
READ MORE ABOUT CLIMATE DECLARATIONS AT WWW.CLIMATEDEC.COM			VALIDITY: 2011-01-01