

# CLIMATE DECLARATION FOR RADIFLOOR (PA6 AND PA6,6) BULK CONTINUOUS FILAMENT AND REFINED YARNS

Functional unit: 1 kg of BCF yarn

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804.



## Information about the product

BCF (Bulk Continuous Filament) yarn sold under the Radifloor® brand name is a bulky yarn made with polyamide 6 or polyamide 6.6 and manufactured by RADICIFIL S.p.A. Refined BCF Radifloor® yarn is BCF yarn that has been reprocessed using various techniques in order to meet the wide spectrum of characteristics the yarn must possess for textile flooring. The yarn may be air-jet entangled at the RADICIFIL site or sent to LOGIT for single-head or multi-head twisting. Upon request, yarn with antistatic properties or heat-set yarn can be added. Radifloor® BCF yarn is classified according to the UN CPC scheme as follows: single, entangled, heat-set or single-head twisted in Group 355, Class 3552; multiple-head twisted in Group 264, Class 2642

## Information about the company

In 2003 RadiciGroup started its journey towards sustainable development through its subsidiary Radici Chimica S.p.A., by adhering to the Responsible Care

programme, a global voluntary initiative. The Group continued onward in 2004 by publishing its first corporate social report, in which the reporting scope was extended to include social responsibility aspects. In 2010 the RadiciGroup for Sustainability project kicked off with the objective of reporting on the environmental, economic and social aspects of sustainability in a unified report drawn up according to Global Reporting Initiative (GRI) guidelines.

## Climate declaration A1-A3

The table below lists the emissions of greenhouse gases A1-A3 for the product in kg CO<sub>2</sub> eq. per 1 kg of BCF yarn.

	BCF PA6 (1C)	BCF PA6 (2E+2F)	BCF PA6.6 (3C)
<b>GWP – Total</b>	8,65E+00	9,02E+00	8,00E+00
GWP – Fossil	8,58E+00	8,87E+00	7,90E+00
GWP – Biogenic	7,53E-02	1,43E-01	9,56E-02
GWP – Luluc	2,72E-03	2,44E-03	4,18E-03
GWP – GHG	8,58E+00	8,88E+00	7,90E+00

## Other environmental impacts

For the full EPD, see [www.environdec.com](http://www.environdec.com).

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EPD PROGRAMME: THE INTERNATIONAL EPD® SYSTEM		REGISTRATION NO: S-P-00454	VALIDITY: 2025-06-29
PCR: 2019:14 V.1.1	UN CPC: 15330	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: CERTIQUALITY S.R.L.		ACCREDITED / APPROVED BY: THE INTERNATIONAL EPD SYSTEM	
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			
THIS SINGLE-ISSUE EPD ONLY ADDRESSES ONE ENVIRONMENTAL IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE SINGLE IMPACT CATEGORY DISPLAYED.			