

Opinion Statement

Product Carbon Footprint Verification Opinion Statement

This is to verify that: Acelon Chemicals & Fiber Corporation
Fangyuan Factory
No. 45, Gongqu Rd.
Houliu Vil, Fangyuan Township
Changhua County
Taiwan

聚隆纖維股份有限公司
芳苑廠
台灣
彰化縣
芳苑鄉後寮村
工區路 45 號

Holds Statement No: PCFV 136
Verification opinion statement

As a result of carrying out the verification of product life cycle greenhouse gas emissions, it is the opinion of BSI with reasonable assurance that:

- The product carbon footprint with the functional unit of the following 5 products are as below opinions:
 - 1kg Nylon 6 Filament Yarn (POY HOY FDY) (1公斤耐隆6原絲) is 9.726 kilograms of CO₂ equivalent.
 - 1kg Polyester Filament Yarn (POY HOY) (1公斤聚酯原絲) is 4.201 kilograms of CO₂ equivalent.
 - 1kg Nylon 6 Draw Textured Yarn (1公斤耐隆6加工絲) is 11.601 kilograms of CO₂ equivalent.
 - 1kg Polyester Draw Textured Yarn (1公斤聚酯加工絲) is 5.997 kilograms of CO₂ equivalent.
 - 1kg Nylon 6/Polyester Conjugate Draw Textured Yarn (1公斤耐隆6/聚酯複合加工絲) is 7.335 kilograms of CO₂ equivalent.
- No material misstatements in this product life cycle greenhouse gas emission assertion were revealed.

The product life cycle GHG data quality was verified to be acceptable against the requirements of ISO/TS 14067:2013.

This statement shall be valid for a maximum period of two years after the latest issue date on this certificate. Should there be a change in the life cycle of the product whose GHG emissions are being assessed, the validity of this opinion statement will cease.

For and on behalf of BSI:



Managing Director BSI Taiwan, Peter Pu

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Location

Verification Information

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Additional information

Product related information is as follows:

- System boundary for this product : Cradle to gate
The product system boundary is consistent with its system boundary definition in the PCF report for product carbon footprint, which involves the acquisition of materials, process activity and the transportation of materials in the product life cycle.
- The data in this product life cycle greenhouse gas inventory report is from January 1, 2013 to December 31, 2013.
- The primary activity data include related facilities from its own processes under the operational control of the organization and individual processes under the financial or operational control of the organization undertaking the CFP study.
- The secondary data include relative factors from public sources and LCA software GaBi 6.0.5.10.

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