

# Eco-datasheet Twaron® products

## Environmental profile

### 1. Carbon footprint

<b>Twaron® yarn</b> Average of all types of filament yarn	<b>8.7</b> kg CO <sub>2</sub> -eq/kg
<b>Twaron® staple fiber</b> Average of all types of staple fiber	<b>8.7</b> kg CO <sub>2</sub> -eq/kg
<b>Twaron® pulp</b> Average of all types of pulp	<b>8.8</b> kg CO <sub>2</sub> -eq/kg

Climate change (total) [kg CO<sub>2</sub> eq/kg] is based on PEF version 2.0. These values are calculated according to ISO standards 14040/44, using a cradle-to-factory-gate approach. This includes raw materials, transportation, energy and water use during production, as well as emissions and waste disposal. The eco-profile report has been independently peer-reviewed by a third party. Other impact categories are available on request.

### 2. Recyclability

Twaron® is recyclable. In addition to producing recycled pulp, Twaron® filament yarn with recycled content is now being produced on an industrial scale trial. Teijin Aramid is actively seeking partners who can help close the loop by retrieving and recycling as much end-of-life material as possible.

### 3. Compliance with chemical regulations

Twaron® filament yarn and pulp comply with the REACH regulation and the RoHS Directive.

### 4. Sustainability standards and assessments

Teijin Aramid complies with the following sustainability standards:

- ISO 14001
- ISO 45001
- OEKO-TEX® Standard 100
- Energy efficiency standards for the Netherlands, as defined by the Dutch government (in line with ISO Standard 50001)

Teijin Aramid has been awarded **EcoVadis ‘Gold Partner’ certification** following the most recent sustainability assessment.



### 5. Emission data for manufacturing locations

We aim to minimize environmental emissions across all Teijin Aramid production locations and consistently remain well within the legally permitted emission levels year to year. Detailed information on our emissions related to Twaron® production is available in our Sustainability Report on [www.teijinaramid.com/en/sustainability](http://www.teijinaramid.com/en/sustainability).

**Disclaimer:** Teijin Aramid gives no warranties and does not accept any liability regarding the correctness, completeness, or use of the information hereby provided. This data is correct to the best of our knowledge at the time of publication. The reproduction and publishing of any part of this publication, is prohibited without our prior written consent.