

SikaFiber-100 Recycled PP48 Impact

SUSTAINABLY IMPACTFUL

The perfect balance of optimized performance and sustainability engineered for a durable and more responsible future.

Sika's Impact products, assessed by the Sika Sustainable Portfolio Management (SPM) methodology, deliver both optimized performance and sustainability benefits. Designed to be fit for purpose, these advanced solutions meet the highest standards in sustainability.



SUSTAINABILITY PORTFOLIO MANAGEMENT

Sustainability Portfolio Management (SPM) is the methodology used by Sika in order to evaluate and classify its products in defined market segments in terms of performance and sustainability. The outcome of the SPM evaluation is a portfolio of "Sustainable Solutions" – products with combined significant sustainability and performance benefits.

PRODUCT CHARACTERISTICS AND BENEFITS

Sika customers benefit from:

- The Global Warming Potential (GWP) including biogenic of the product is reduced by 67% compared to the product zero
- The product contains post-industrial recycled material content which supports the circularity

HEALTH & SAFETY

This product has been evaluated against applicable EU GHS (CLP) regulations on chemical hazard classification, as well as general health and safety requirements, in line with SPM minimum criteria. Its classification and labelling do not restrict its use in the intended market segment. Safe handling and prevention of physical injuries can be ensured through standard protective measures consistent with industrial best practices and compliance standards, without impeding efficient production or product application. The assessment also considers globally relevant conventions and regulatory trends, including the Montreal Protocol, Stockholm Convention, and applicable regional restrictions (e.g., US EPA TSCA, California Prop 65), ensuring alignment with international sustainability and compliance standards. For further information, please refer to the actual Safety Data Sheet (SDS) of the product.

CLIMATE

Reduced Carbon Footprint

The carbon footprint of the product is reduced by 67 %

The reduction in the carbon footprint of SikaFiber®-100 Recycled PP48 Impact was achieved through the substitution of a virgin material with recycled material.

- Geographical area of production: AP Pacific
- Unit of calculation: kg
- Data quality level: fair

Calculation details:

- A Carbon Footprint Study was conducted to generate the carbon footprint reductions presented in this factsheet based on ISO 14044. The study has not been independently reviewed for conformance with ISO 14044. The calculation has been conducted involving Sika's R&D and LCA specialists under consideration of Sika's internal quality assurance processes.
- The reduction in carbon footprint presented is based on IPCC AR6 GWP100 incl. biogenic CO₂ as well as land use and land use change (luluc).
- The goal of the Carbon Footprint study was to compare the raw material composition of the product with the carbon footprint reduction of the improved formulation. The two formulations are functionally equivalent. The internal reference is the best-selling product in the Product Technology Application Combination (PTAC), a unique combination of the application and market segment, brand family and technology of a given product, which ensures a homogenous approach, as products in a well-defined segmentation will have a similar sustainability profile. More details can be provided upon request.

SUSTAINABILITY FACT SHEET

- The life cycle stage included in the calculation is the production of raw materials (cradle to raw material) because the focus of the product development was to improve the formulation, which represents the largest share of the product carbon footprint. Transport and manufacturing processes are similar for both products.
- The LCI used for the Carbon Footprint calculation consists of secondary data from Sphera MLC Databases which are generic or average representations of the raw materials, as well as primary data from suppliers if available.

RESOURCES AND CIRCULARITY

Recycled Material or By-Product Content

100% of the virgin polypropylene was replaced with recycled material

DISCLAIMER

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.