

The following declaration applies to 1 kg of the following product supplied from Ensinger GmbH, Nufringen, Germany:

Impact	Product name	PCF value	Unit
Global warming potential (GWP)	TECAMID 6 natural	4.2	kg CO ₂ eq

Life Cycle Assessment Background Information

Calculation methods: Follows DIN EN ISO 14040 series standards; IPCC 2013 GWP 100a was used for the assessment.

Calculation date: Oktober 2024.

System boundary: Cradle-to-gate.

Data collection period: The primary data refers to average production conditions in the years 2020 - 2023. Background data is not older than 5 years.

Date source: The result is based on the latest version of sources like the EcolInvent database (V3.9), average industry data and primary data from Ensinger. In the industry, varying values may occur due to raw material data from different manufacturers and differences to data base values. At this point in time, we have decided to use literature values from the EcolInvent database as a basis for calculation. The data basis can change over time.

Allocation: Since energy consumption, raw materials, supplies and waste in the process are not managed separately for product and by-products, a quantitative breakdown was considered. For by-products, a closed-loop system was considered, as long as they are reused.

Limitation of use: Our product footprints are updated yearly, so that the last three years are considered in the calculation. The information provided on the product footprint should no longer be used if its calculation date is one year ago and should be requested again from Ensinger.

Date: 05. August 2024

Disclaimer: This statement is based on a review of current composition data and information provided by the vendors. We do not guarantee primary data and accept changes from our suppliers when provided to us. The information and LCA results are provided "as is" on a cradle-to-gate basis and at the discretion of the disclosing company, without any warranty, guarantee or representation, express or implied, including, but not limited to, (I) their accuracy or completeness, (II) their fitness for a particular purpose and non-infringement of third party intellectual property rights, and (III) their use. Ensinger accepts no liability in connection with the aforementioned points. In accordance with ISO 14040-44, the use of LCA results to support comparative claims for disclosure raises particular concerns and requires specific critical review. A critical review of this data has not been performed. Disclosure of this information to third parties without Ensinger's consent is prohibited.

