

## Environmental impacts of PP CoPo regranulate

### Manufacturer: General-Industries Deutschland GmbH

General-Industries Germany (GID) has been passionately involved in the processing and recycling of plastics for over 25 years. At two locations - Kassel and Eschwege - as well as with a large number of partner companies, GID produces high-quality regrind and regranulates with innovative systems.

This self-declared environmental claim is based on the life cycle assessment of the environmental impacts regranulation of EPP into PP CoPo regranulate produced by General-Industries Deutschland GmbH.

The assessment was performed using the LCA method conducted in accordance with ISO 14040 and ISO 14044. Environmental impacts were characterised using CML2001 - Aug. 2016, EN 15804+A2.

As a functional unit, the production of 1 kg of PP CoPo regranulate was chosen.

Based on the LCA study conducted, the following environmental claims are declared:

- 1) The carbon footprint of regranulation of EPP into PP CoPo regranulate expressed in different characterisation methods are as follows:

Product type	CML2001 - Aug. 2016, Global Warming Potential (GWP 100 years) [kg CO2 eq.]	01 EN15804+A2 Climate Change - total [kg CO2 eq.]
PP CoPo regranulate	0,242	0,254

*The different test methods give marginally different results*

The evaluation of regranulation of EPP into PP CoPo regranulate was based on LCA methodology using the recommended values from the database of the European Platform for Life Cycle Assessment of the European Commission.

The evaluation was made by Vladimír Kočí, PhD., MBA, LCA studio, Prague, Czech Republic.



Certificate No.: 05221/2023

Prague 19.05.2023

prof. Ing. Vladimír Kočí, PhD., MBA

[www.lcastudio.cz](http://www.lcastudio.cz)



Self-declared environmental claims developed in accordance to  
ISO 14021, EN ISO 14040, EN ISO 14044 and P CEN ISO/TS 14067