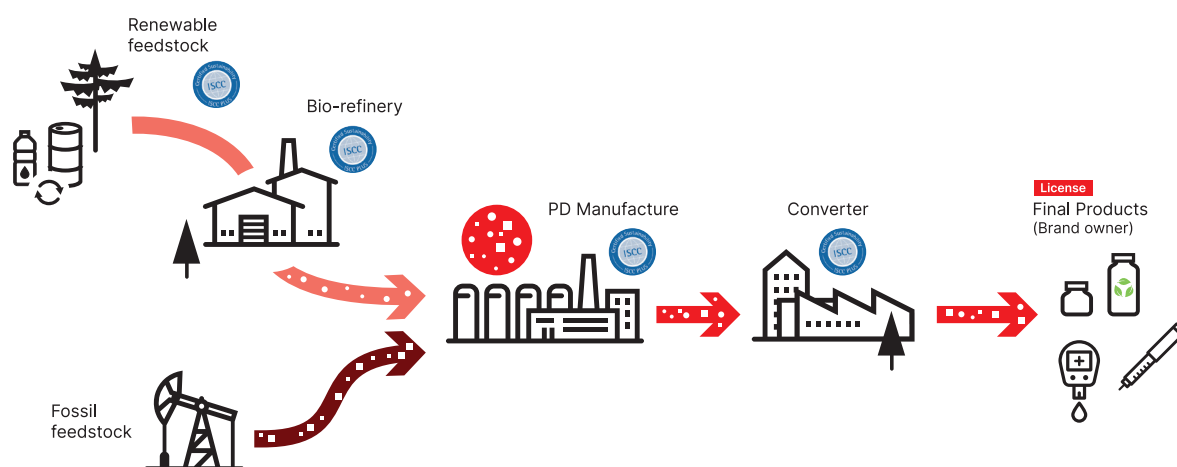


# CERBO CLASSIC MASS BALANCE

## Design for Environment

Early involvement in the design process allows for sustainability ideas to be considered. One of the cornerstones of a circular economy is designing with the ability to recycle a product and to optimise the circulation of material for reuse. Today it is also possible to reduce

the CO<sub>2</sub> emission on existing product ranges, for instance, with the use of BIO-material or mass-balanced solutions. By using the mass balance model, the same quality standards are met, and it contributes to the environment.



## Sustainable options to reduce carbon footprint – mass balance

Polypropylene and Polyethylene made of renewable feedstock, such as used cooking oil (UCO) or residues from vegetable/tall oil refining (Bio-circular material) will be soon available at Nolato. The plastic resin made by the plastic supplier is a blend of renewable feedstock and fossil-based feedstock, see above illustration for details.

By using the above process, where every step in the process needs to be certified (final application can be licensed) and reported, companies can track how much renewable feedstock they have contributed to in their manufacturing systems and balance it out exactly with the certified content in the end products. A working solution will be soon available for our current product range, Cerbo Classic bottles and caps. This allows our products to be produced with ISCC certified bio-circular plastic. (> 95% ISCC certified material for bottles & 100% for SC-light / CL caps), and thus calculate the reduction of the CO<sub>2</sub> emission.

## ISCC Certification

Nolato and its resin suppliers have decided to use ISCC as the certification system for mass balance. Sustainability credentials can be applied on final product through various claims and/or an ISCC logo. Only companies that are ISCC certified or ISCC licensed can use the ISCC claim or the ISCC logo.

The ISCC plus certification means sustainable materials can be traced all the way through the chain of custody. It makes it easier to meet sustainability targets and stay on top of changing legislation.

There are different sustainability options available, however Nolato and its supplier have chosen to only use Bio-circular as a start.














**Cerbo Classic mass balance**

The mass balanced option is a transferrable solution with identical grade, performance, specification and regulatory compliance which can be applied to our current product range - Cerbo Classic: MPS 001, 005 and 013.

As a customer you decide how much content you want to be renewable – and pay the premium. Minimum 20% mass balanced to

be able to use ISCC logo, etc. Currently available contents are: 20%, 50% and 100/97% depending on colour MB blend.

Nolato will quote the original product and add the mass balance surcharge separately for each product, depending on the content of the mass balance.

										
<b>PART NUMBER</b>	CERBO CLASSIC 50 ML C112863	CERBO CLASSIC 75 ML C112864	CERBO CLASSIC 110 ML C112865	CERBO CLASSIC 150 ML C112866	CERBO CLASSIC 200 ML C112867	<b>PART NUMBER</b>	CERBO CLASSIC SC-LIGHT 34 C112420-M	CERBO CLASSIC SC-LIGHT 42 C112430-M	CERBO CLASSIC CL-34 C112720	CERBO CLASSIC CL-42 C112730
	56.7	75.5	75.2	97.0	92.0		9.8	10.0	18.4	18.7
	43.4	43.4	51.7	51.7	64.0		41.6	49.9	43.0	51.2
<b>MATERIAL</b>	HDPE	HDPE	HDPE	HDPE	HDPE	<b>MATERIAL</b>	Inner: LDPE Outer: HDPE	Inner: LDP Outer: HDPE	Inner: LDPE Outer: HDPE	Inner: LDPE Outer: HDPE

Please ask for the latest valid product specification. More sizes are available. Label area measurement to be used as a guide only.

Various part numbers available for different packaging options.

**CIRCULAR**



Mixed plastic waste



Textile waste



**BIO CIRCULAR**



Tall oil



Used cooking oil



**BIO**



Corn



Sugarcane



Material type and manufacturing energy base is by far the most important factors for CO<sub>2</sub>-equivalents for a plastic bottle and cap.

Nolato Cerbo is only using green energy, which strongly supports low CO<sub>2</sub>-impact and is far more important than transport. As a further step towards sustainable initiatives, Nolato has signed a long-term contract with a solar farm in south of Sweden.

Scan for more information about ISCC-certification/licensing

