

Jago Kunststoff GmbH & Co. KG

CERTIFICATE



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Result summary

Colourful Range

Calculation number: EPD-NIBE-20220329-25783

Generation on: 06-09-2022

Issue date: 06-09-2022

Valid until: 06-09-2027

Status: verified

Product description

A container used for plants made from 100% recycled polystyrene. The container can be used in and outdoor. Jago has a return system in place, encouraging their clients to return their containers after use. The returned containers are used as new raw materials for the next generation recycled containers. The product has a circularity indicator (MCI) of 64%

DESCRIPTION OF MANUFACTURING PROCESS

Raw materials enter the factory and are stored in the factory. The most important raw materials are polystyrene (recycled granulate) and paint (liquid in cans). The polystyrene granulate is heated in an extruder and injected with a temperature of 200-220 degrees Celsius and under high pressure in a mould. The injection moulding process can take between 40 seconds and 12 minutes, depending on the size of the container. When the process is finished the mould is opened and the container is removed. When the product is cooled it is finished by hand using tools such as a surface sanding machine. The containers are painted in a spraying machine. The machine is open and the paint spraying is done by hand. The space is suctioned and the air is treated in a filter. The painted containers are transported to a drying room where they are left to dry for 4 hours up to 10 days. This process is passive and does not require any energy. The containers are packaged using plastic bags and carton for protection. The product is stacked and placed on a pallet, ready for transport.

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VERIFICATION OF THE DECLARATION

CEN standard EN 15804:2012 serves as the core PCR. Independent verification of the declaration. according to EN ISO 14025:2010.

Internal External

I hereby confirm that, following detailed examination as independent 3rd party verifier, I have not been able to trace any relevant deviations by the Environmental Product Declaration [EPD-NI-BE-20220329-25783], issued for [container for plants "Prestige"(s)] by [JAGO Kunststoff GmbH & Co] and by its project report from the requirements outlined in the corresponding product category regulations based on the horizontal PCR of INSIDE-INSIDE and the corresponding product group PCR NSIDE/INSIDE PCR Accessoires, version 1.1, December 2018. The company-specific data have been examined as regards plausibility and consistency; the declaration owner is responsible for its factual integrity.

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Third party verifier: Anne Kees Jeeninga, Advieslab

DATE

06

SEPTEMBER

2022

