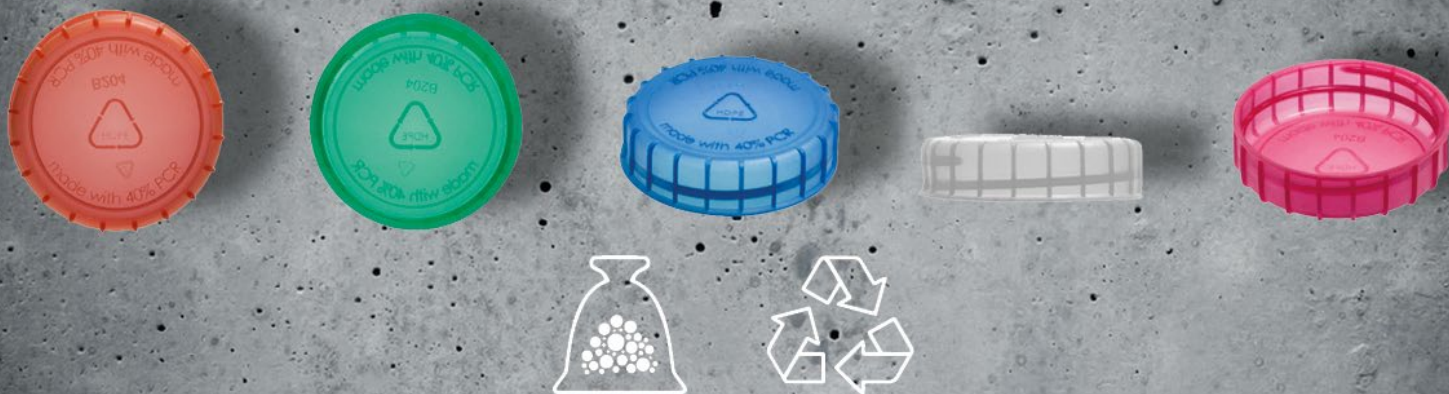


# UK DAIRY CAPS WITH A MINIMUM 30% RECYCLED CONTENT



**PACCOR**  
PACKAGING SOLUTIONS

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## PACCOR TO INCLUDE rHDPE CONTENT IN UK DAIRY CAPS WITH A MINIMUM 30%

**In keeping with our vision of leading the transition towards a circular economy for plastics, and in line with incoming packaging tax regulation in the UK to be introduced in April 2022, PACCOR's production team in Mansfield, UK, have risen to the challenge and are now able to offer caps with a minimum 30% rHDPE. This created a challenge due to the different nature of PCR material compared to virgin polymer but was enabled by our unique CCM (Continuous Compression Molding) technology.**

In the UK, about 79% of the HDPE (High Density Polyethylene) bottles collected are recycled, of which a high percentage are milk bottles. On average, about 15% of HDPE milk bottles in the UK contain up to 30% recycled rHDPE material. Technical advances in the manufacture of these containers have also led to the use of less material, resulting in a lower weight for the same bottle size.

"The rHDPE produced in the UK is under pressure due to availability and demand," underlines Andreas Schuette, CEO of PACCOR. "All UK bottle manufacturers are aiming for a minimum share of 30% rHDPE content to avoid plastic tax. However, thanks to our long-term partnership with the supplier, PACCOR has now managed to ensure sufficient material availability and increase the content of the caps up to 40%," he says.

The PACCOR procurement team sourced rHDPE material and the site now produces approximately 45 million caps per week. The engineering and technical team tested various extrusion nozzle diameters and cutter holder profiles until a solution was found and trials with up to 40% inclusion rate were successful. Increased machine setup accuracy ensured consistent forming of the cap, with no compromises to customers filling process.

"This development reduces the volume of virgin HDPE used for our closure production by more than 1,000 tons per annum and provides estimated carbon footprint savings of 1.3kt CO<sub>2</sub>eq per year," Andreas Schuette concludes.

"We are proud of our technical teams and their expertise, which ensured that the customer trials have been successfully completed," adds Steve Naylor, PACCOR's Head of Sales UK and Ireland. "There is great interest in our sustainable caps, and we are doing everything we can to meet the strong demand," he says.

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## **ABOUT PACCOR**

At PACCOR we create innovative and sustainable packaging solutions for the consumer, food, and foodservice market. Our overall goal is to protect what is worth being protected: our planet, our partners' products, and our employees. We have high expertise in developing and providing valuable rigid plastic packaging products. Our solutions meet current market trends by constantly thinking outside the box. With more than 3,700 dedicated employees in 18 countries, PACCOR is a global player in the packaging industry. Everything we do contributes to the protection and hygienic safety of valuable products. PACCOR leads the transition towards a circular economy. Because we believe this is the best way to achieve real change in the industry and to create shared value for all our stakeholders and society. More: <https://www.paccor.com/>