

News Release

Feddersen Group and partners receive award:

“German Packaging Award” for circular economy solution in the packaging sector

K.D. Feddersen Holding GmbH, parent company of the Feddersen Group, announces that the joint project to develop a sustainable packaging concept has been awarded this year's “German Packaging Award” in the category “Sustainability – Use of Recyclates”. This achievement was realised in collaboration with partner companies saperatec GmbH (PCR supplier), Palbo GmbH (container manufacturer) and AF-COLOR, a specialist in masterbatches belonging to the Feddersen Group and a branch of AKRO-PLASTIC GmbH, and contributes to the circular economy in the packaging industry.

The award-winning project comprised a packaging solution that represents a recycling approach using composite material. The container is made from 50% post-consumer recycled polyethylene (PCR-PE) and 50% high-density polyethylene (HDPE). The colouring was done with AF-



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Color® PCR masterbatches in blue, black and silver. The PCR material used in the container originally comes from recycled beverage cartons and demonstrates the potential of recycling these material streams.

This project was coordinated by Dirk Schoening, Development Manager Circular Business Models at K.D. Feddersen Holding GmbH. He was responsible for the cooperation and coordination between the three companies involved, which contributed to the realisation of the project.

“This award is the result of our group's collaboration with two committed and innovative partners,” says Dirk Schoening. “It confirms our approach of achieving progress towards a more sustainable circular economy through cooperation and the use of technology. The commitment of all those involved helped to bring together the various areas of expertise and implement the project.”

Dirk Schoening adds: “The development of this packaging solution is a prime example of how close cooperation within the value chain can result in a product that meets quality standards and contributes to the conservation of resources.”

K.D. Feddersen Holding GmbH and its partners would like to thank the German Packaging Institute (Deutsches Verpackungsinstitut e. V.) for presenting this award. They see this as confirmation to continue working on sustainable solutions for the plastics industry and to expand their expertise in the field of circular economy.

AF-COLOR will present this project at K-2025 at the Feddersen Group's joint stand in Hall 6/C76.



Image 1: PCR-based masterbatches in use in new packaging ideas – oil container 50/50 HDPE & PCR-PE (Copyright: AF-COLOR, branch of AKRO-PLASTIC GmbH)

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About K.D. Feddersen

The Feddersen Group emerged from K.D. Feddersen & Co., which was founded in 1949 by Karl Detlef Feddersen. The companies in the group have been focussing on global trade in chemical and technical products for decades and represent well-known companies in the chemical, investment and consumer goods industries with their own branches both in Europe and worldwide.

Besides the foreign trade, our companies are operating in distribution of engineering compounds in Europe and Asia, in the stainless steel trade as well as in the application-oriented development and production of special plastic compounds and mechanical engineering as well as the trade in machinery for the plastics processing industry. Since 2018, the company group is active in the field of knowledge-based services as well.

K.D. Feddersen GmbH & Co. KG, Hamburg, is a Feddersen Group company specialising in the marketing and distribution of engineering plastics. With more than 60 years of experience, the company offers qualified expertise, customer-oriented service and efficient sales for the plastics processing industry. The locations of K.D. Feddersen GmbH & Co. KG and its subsidiaries are located in Hamburg, Paris, Värnamo, London and Vienna.

The European location for the development and production of technical thermoplastics, bioplastics and masterbatches is AKRO-PLASTIC GmbH in Niederzissen, which belongs to the Group, with its branches AF-COLOR and BIO-FED in Cologne. The criteria used for assessment are subject to regular inspections by recognised bodies commissioned by us. The corresponding results are documented by the issue of appropriate certificates. Further information on this can be found at bio-fed.com/certifications. AKRO-PLASTIC operates further production sites in South America in the state of São Paulo/Brazil and as the joint venture Highsun AKRO Engineering Materials on the Asian market in Changzhou/China.

Further information can be found at www.feddersen.group

About saperatec:

saperatec GmbH is a dynamic technology start-up that has developed a patented and award-winning recycling process for composite materials. Over several years of teamwork, the company has developed a novel physical-chemical separation process that can recycle multi-layer packaging materials almost 100%. It is this high recycling rate that makes a sustainable material cycle possible and clearly distinguishes the company from the classic mechanical and chemical recycling approaches on the market.

About Palbo:

Palbo GmbH was founded in 2010 as a medium-sized plastics processing company in Bubenheim, Palatinate. The initial focus was on the development and manufacture of HDPE plastic containers using the extrusion blow moulding process for liquids used in the automotive industry, such as engine oil, brake fluid and radiator antifreeze. After only a short time, customers from various industries were acquired for further areas of application. This means that product solutions between 250 ml and 12 l can be offered according to customer requirements.

Since 2017, PALBO GmbH has been supporting manufacturers in the development of PCR materials from the circular economy in order to provide feedback on the processability of these materials and, if necessary, to optimise them and thus help them reach series production readiness.

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