



EUROPLAST LAUNCHES FLAKES-TO-RESINE TECHNOLOGY

Thanks to the new technology, Europlast will increase its output of granulate containing recycled materials.

New Polymers Plant Senezh (part of the Europlast association of polymer plants – a holding company partnering with SIBUR) has launched the Flakes-to-Resine (FTR) technology, which is completely unique in Russia. The technology allows you to add up to 35% of post-consumer materials to virgin polymers to produce food-grade granulate. This makes Senezh Russia's second plant (after Plarus, part of Europlast) to produce food-grade granulate from recycled materials.

As part of the new technology, the plant has installed machines from the Swiss company Bühler and Germany's EREMA. Once the plant reaches its full design capacity, it will produce 130 ktpa of granulate, using about 35 ktpa of recycled PET bottles in the production cycle. By using FTR technology to closely track the hot melt formulation, a homogeneous granule is achieved. It contains the feedstock supplied by Senezh plant and the recycled PET flakes from Plarus, and meets high regulatory standards.

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FTR technology is aligned with environmentalism: it helps to reduce GHG emissions per tonne of finished product. The launch of the new technology fits with Europlast's sustainability strategy and reflects the company's commitment to circular economy principles.

"Thanks to FTR recycling technology, we will significantly increase the output of granulate containing recycled materials. This means that packaging manufacturers will have the opportunity to increase the percentage of recycled materials in their packaging, and make it more environmentally friendly," commented Maxim Tyurin, CEO of Senezh plant. "FTR will help to meet the growing market demand for packaging made from recycled materials. Packaging manufacturers will have an additional opportunity to stay on top of environmental trends. I would also highlight that, in line with the new concept of extended producer responsibility, the rate of environmental charges will be higher the less environmentally friendly the product and its packaging are."