press information



Polyester Recycling

EverPET® - chemical regeneration technology

AQUAFIL Engineering as a global leading company for polyester (PET) virgin and regeneration technology is building a demonstration plant with newest EverPET® technology in Arco. This plant will be in the position to produce 100% PCR PET in small scale for customer and test samples for different PET customer applications (bottle, carpets, film, yarn, multi-layer packaging). This new unit is based on latest research and lab results of our already proven technology which is used since long time in industrial production. The new demo plant will open up new fields of circular economy, because it will be equipped with AQUAFIL's unique new decoloration and multi-layer separation section.

EverPET® is not just a technology, but represents a new way of thinking, a way to merge the desire for innovation with the constant commitment of the company to protect the environment.

Polyester waste, such as bottles that can no longer be used or production scrap normally destined for disposal, is recovered and transformed into a new product with having same characteristics as polyester made of virgin raw material. Already years ago AQUAFIL Engineering produce on pilot machines 100% PCR bottles, yarn and film.

AQUAFIL Engineering had been the first company globally that designed and erected a reliable and cost effective chemical regeneration polyester plant integrated into an AQUAFIL virgin polyester plant in 2010. Today this plant is producing only 100% PCR PET. In the last decade a lot of developments and innovations had been taken place in AQUAFIL Group which finally leads to the latest innovation: the **EverPET**® technology

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