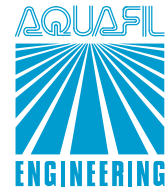


press information



Polyester Technology

World biggest LBT® + DFC® polyester polycondensation plant

AQUAFIL Engineering GmbH (Berlin, Germany) received the order to build a new continuous polycondensation plant for PET film applications.

The plant will be the biggest one in the world (400 tons/day) with the “Low Building Technology” (LBT®) which is the newest innovation of AQUAFIL Engineering for polyester production plants. The technology achieves the lowest building and erection costs with lowest electrical consumption compared to standard plants.

Additionally, the plant will be equipped with “Direct Film Casting” (DFC®) technology for minimum 2 film lines. As the DFC® is avoiding the crystallization, drying and re-melting of the polyester chips, it is saving a lot of investment, space and operation costs. The product quality and run ability make a remarkable step upwards in the final film product.



AQUAFIL Engineering has long experiences in design and construction of new and complete continuous and batch polycondensation plants for Nylon- and Polyester-Polymers for different applications like textile, film and bottle grade polymers. AQUAFIL Engineering also offers services for plant optimization, plant extension and modernization or revamping for own as well as for third party technologies.

For more information regarding LBT® or DFC®, please contact us.

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