press information



AQUAFIL 2-Reactor PET Polycondensation Plant with Direct Film Casting

AQUAFIL Engineering GmbH (Berlin, Germany) announces the successful start-up of Polyplex Ltd. Plant in India with the latest state of the art AQUAFIL Engineering Polyester Technology. Polyplex is one of India's leading manufacturers and exporters of Biaxial Oriented Polyester (BOPET) Film for packaging, electrical and other industrial applications. Polyplex Ltd. is the 4th largest Thin Film Producer in the world and operates now three 2-Reactor PET polycondensation plants of AQUAFIL Engineering.

The speciality of the plant is the Direct Film Casting (DFC®) Technology of AQUAFIL Engineering which is the first single line worldwide. The equipment (up to polymer film line pump) of the DFC® Technology was completely delivered by AQUAFIL Engineering. The DFC® Technology has lower investment costs and extremely low energy costs (no chips drying, no extrusion) and low amount of waste, which gives the lowest conversion costs available today in the market. The product quality and run ability has made a remarkable step upwards.



AQUAFIL Engineering has long experiences in building and designing continuous and batch polycondensation plants for PET polymers for textile, film and bottle grades. The AQUAFIL 2-Reactor Polyester Technology has been presented at the end of 2003 for the first time. Until today Aquafil Engineering has sold 8 plants of 2-Reactor Polyester Technology for various applications with or without further direct processing of melt.

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