

- **CP Continuous Polycondensation Plant Solutions**
- Filament Yarn (POY/FDY)
 - POY spinning with WINGS
 - FDY spinning with WINGS
 - Compact Filament Spinning Line VarioFil
- Textured Yarn (DTY)
- Industrial Yarn (IDY)
- Carpet Yarn (BCF)
- Staple Fiber
- Flow Control Solutions
 - Gear Metering Pumps for Manmade Fiber Applications
 - Gear Metering Pumps for Non-textile Applications
 - Hot Runner Systems
- Automation Solutions
- Digital Solutions

Polymer Processing

Homogenous melt is the very basis for high quality yarn and all other plastic materials. Producing this is the job of our efficient and high-end continuous polycondensation systems and extrusions lines for fiber-grade and bottle-grade polyester as well as other polymers. Whereas polycondensation plants produce the melt by a chemical reaction, extrusion produces the melt by a mechanical process. The choice of polycondensation or extrusion depends on many factors including the production rate, the nature of the material and the size of the final product. The efficient and high-end continuous polycondensation plants of the subsidiary company Oerlikon Barmag Huitong Engineering (OBHE) produce a homogenous melt using a chemical reaction which transfers different monomers into polymers.

