EPC Group together with its alliance partner, Granula Deutschland GmbH, is offering a packaged solution for polymer compounding and recipe formulation development. The turnkey compounding solution will provide high quality, high value, blended polymer ready for end-use component manufacturing.

Through a combination of formulation know-how and flexible plant design, EPC can deliver a polymer compounding plant capable of producing blended polymers (e.g. Polycarbonate, PET, PA6, ABS and glass-fibers).
Polymer compounding plants
Combination of flexible plant design and formulation know-how

EPC together with its alliance partner is offering an integrated package solution for polymer compounding and recipe formulation development.

There are many additional benefits to the compounding package being offered by EPC and Granula:

- **Low investment cost & High profit margin**
  Investing in a compounding plant enables the production of a high value product for a relatively low investment.

- **Quick access into the end market**
  Short construction time and a license for ready-approved formulation enables very quick access to the market.

- **Access to approved recipe formulations**
  Instant access to recipes will be provided through a formulation license from EPC’s partner Granula.

- **Development of own formulations**
  Granula will provide the required lab-based training to assist with formulations development. This will enable future independence and development of proprietary know-how.

- **Blending of multiple polymers**
  The compounding plant is suitable for blending multiple polymer feedstocks. (e.g. chips, flakes, fibers). The plant can be easily adapted to suit the end-use demand.

- **Blending of recycled polymers**
  Recycled polymer flakes may be used as a feedstock. Blending recycled material into the virgin polymer helps to reduce the cost of the feedstock and is beneficial to the environment.

- **Future plant expansion**
  The compounding plant is a modular design. Multiple compounding lines in parallel can achieve any desired capacity. The plant can also be integrated with upstream polymerization plants.

EPC’s compounding solution will ensure quick access into the market and enable the development of a secure customer base. This creates the perfect position for you to decide with confidence if you should integrate upstream and build a polymerization plant or expand plant capacity. This ‘stepping stone’ approach provides flexibility, improves profitability and reduces risk.

**3 KEYS TO SUCCESS:**

**ENGINEERING EXPERTISE**

**FORMULATION KNOW-HOW**

**FEEDSTOCK QUALITY**

**A STEPPING STONE TO THE FUTURE**

After start-up your company will:

- Gain experience and expertise in the area of polymers and compounding.
- Develop a route to the market and a reliable customer base.
- Develop own recipe formulations and know-how.

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