

Insert Molding



Insert molding

- In insert molding, inserts are enveloped by injection molding, typically:
- Contacts → bobbins
- Coils → product with defined interface

Possible process chain

- Insert molding of contacts
- Bobbin is coiled and winding is contacted
- Coil is insert-molded
- Test (e.g. through connectors) and labeling (retraceability) of the finished product

Know-how

- Development and engineering of insert-molded components and coils suitable for insert molding
- Engineering of injection molds
- Definition of materials and processes

Capacity

- Plastics technologist
- In-house: Engel injection molding machine
- External: Collaboration with partners in Switzerland and China with semi-automatic or fully automatic equipment

Applications

- Automotive industry (coils with standard connectors)
- Textile industry (electromagnets)

Values specified are typical, but not binding.