

The intention of this book is to teach SPC and its application to specific processes in an integrated fashion. Many SPC training programs are taught by people that are very familiar with statistics but know little about plastics processing technology. However, successful implementation of SPC requires an understanding of SPC as well as process know-how. This book, therefore, aims to teach not only the principles of SPC but also basic injection molding and extrusion process technology.

Contents

- Injection Molding Technology
- Extrusion Technology
- Plastics and Plastics Properties Important in Injection Molding and Extrusion
- Introduction to Statistical Process Control
- Data Collection, Data Analysis, and Problem Solving
- Measurement
- Control Charts
- Process Capability and Special SPC Techniques for Molding and Extrusion
- Other Tools to Improve Process Control
- Appendices