

## Review of Chris Rauwendaal's *SPC in Injection Molding and Extrusion*

Reading this book will teach you Statistical Process Control for two plastic processes, Injection Molding and Extrusion. SPC is approached from not only the “what” but also the “how to” with some great examples. He also points out that to do good SPC one needs to know SPC and the process. This relates to the difference between finding variation, SPC does this, and determining causes which SPC does not. So he starts with a basic overview on injection molding, not as strong as this reviewer would like. However his treatment of extrusion is detailed and expertly done. For both processes he highlights what processing parameters to watch. He provides abundant tables and appendixes, including process monitor manufactures, SPC software, and a glossary. My favorite comparison table was of design of experiments, Classical vs. Taguchi vs. Shainin. Don't panic at all the equations examples are provided throughout the book. Chris took the time to provide the equations and then work through the math. He finishes with introducing the concept of precontrol. Precontrol is easier and more robust than SPC yet not practiced because it's not well known or popular. You expect competence from Chris Rauwendaal and you get it.

John W. Bozzelli