

# Table of Content

• 1. Polymeric materials	1
• 2. Engineering product design	115
• 3. Structural designs for thermoplastics	211
• 4. Thermoplastic gearing design	257
• 5. Plastic journal bearing design	335
• 6. Thermoplastic molded spring design	377
• 7. Thermoplastic pressure vessel design	393
• 8. Thermoplastic assembly methods	405
• 9. Thermoplastic effects on product design	511
• 10. Injection mold design	545
• 11. Performance testing of thermoplastics	723
• 12. Thermoplastic product cost analysis	831