

CONTENTS

1. Molecular Origins of Toughness in Polymers	1
2. Multiphase Toughening of Plastics	61
3. Grafted Rubber Concentrates	85
4. Grazing in Intrinsically Tough-High-Performance Thermoset Resins	113
5. Fracture Behavior of Rubber-Modified High Performance Epoxies	131
6. Rubber-Toughened Thermosets	175
7. Polyethylene	189
8. The Manufacture and Physical Properties of Rubber-Toughened Styrenics	237
9. Polyurethane Polymer Toughness	293
10. Design of Tough Epoxy Thermosets	339
11. Toughness in Thermoset Coatings	381
Index	411