

CONTENTS

1. Echnical , commercial and political Factors determining the present and future status of polyester fibres	1
2. Modern plants for polyester fibre production	15
3. The texturing and draw – texturing of polyester filament yarn	31
4. The chemical and related characteristics of polyester fibres	55
5. The effect of structural variations on the behaviour of polyester fibres , including Barre effects	85
6. Polyester / cotton blend fabrics	99
7. Polyester / wool blend fabrics	117
8. The polyester carpet market	127
9. Industrial and related uses of polyester	133
10. Polyester in tyres	153
11. Polyesters in nonwovens , including spunbonded and spunlaced	171
12. The dyeing and printing of polyester fibres	185
13. The present world market for polyester fibres	205
14. International marketing interaction between polyester and other synthetic fibres	219
15. The future for polyester fibres on a world basis	229
16. The mechanical , general physical and thermal characteristics of polyester fibres	235