

CONTENTS

Preface	vii
PHASE SEPARATION PROFILES IN RUBBER MODIFIED THERMOSETS OBTAINED BY REACTIVE PROCESSING R.J.J. Williams, H.E. Adabbo, A.J. Rojas and J. Borrajo	1
THERMOPLASTIC ELASTOMERS WITH GLASSY AND CRYSTALLINE DOMAINS G. Perego, A. Roggero and L. Gargani	18
TRANSESTERIFICATION REACTIONS IN MOLTEN POLYMERS M. Lamba, J. Druz and A. Bouilloux	33
REACTIVE BLENDING: STRUCTURE AND PROPERTIES OF CROSSLINKED OLEFINIC THERMOPLASTIC ELASTOMERS D. Romanini, E. Garagnani and E. Marchetti	56
SIN INTERPENETRETING POLYMER NETWORKS - STRUCTURE, MORPHOLOGY AND PHYSICAL PROPERTIES H.L. Frisch	88
NITRILE RUBBER-MODIFIED POLY(ϵ -CAPROLACTAM) BY ACTIVATED ANIONIC POLYMERIZATION: SYNTHESIS, MOLECULAR CHARACTERIZATION AND MORPHOLOGY G.C. Alfonso, G. Dondero, S. Russo, A. Turturro and E. Martuscelli	101
REACTIVE EXTRUSION G. Menges, T. Bartilla and P. Heidemeyer	129
PLY MORPHOLOGY OF MOLDED SMC: RELATIONSHIP TO RHEOLOGICAL PROPERTIES AND PROCESS CONDITIONS J. Collister	149
VISCOELASTIC PROPERTIES OF THERMOPLASTIC ETHYLENE-PROPYLENE ELASTOMERS DYNAMICALLY CROSS-LINKED L. Corbelli, S. Giovanardi and E. Martini	170
Author index	185
Subject index	186