

CONTENTS

1. POLYMERS AND RAW MATERIALS	1
2. MIX AND COMPOUND DESIGN	19
3. MIXING TECHNIQUES	45
4. GENERAL PROCESSING PLANT AND EQUIPMENT	75
5. TESTING AND QUALITY ASSURANCE	110
6. TECHNICAL TROUBLE SHOOTING AND PROCESS CONTROL	123
7. SAFE HANDLING OF RUBBER INGREDIENTS	132
8. CHEMICAL RESISTANCE	164
9. GLOSSARY OF RUBBER INDUSTRY TERMS	177
APPENDIX 1: SPECIFIC GRAVITY OF COMMONLY USED COMPOUND INGREDIENTS	187
APPENDIX 2: CONVERSION TABLES	190
INDEX	201