

## Contents

Preface	IX
Acknowledgements	XI
Overview Guide	XIII
List of Acronyms	XXIII

<b>Chapter</b>	<b>Entries</b>	<b>Pages</b>
A	Abrasion Resistance — Azeotropic Copolymerization	1
B	Back-Flow — Butyl Rubber	24
C	Calcium Carbonate (CaCO <sub>3</sub> ) — Cyanate Ester	37
D	DABCO — Dynamic Vulcanization	80
E	Effective Modulus — Eyring Equation	99
F	Fabrication — Fusion Promoter	126
G	Gate — Gutta Percha	153
H	Halogenated Fire Retardant — Hyperbranched Polymer	157
I	Impact Modifier — Izod Impact Test	163
J	<i>J</i> integral — Joint	175
K	<i>K</i> Value — Kneading	176
L	Lamella — Lüder Lines	178
M	<i>M</i> <sub>100</sub> and <i>M</i> <sub>300</sub> — Mylar	191
N	Nafion — Nylon Screw	215
O	Oil Absorption — Ozone	225
P	Paint — Pyrolysis	229
Q	Q Meter — Quinone Structure	267
R	Rabinowitsch Equation — Rutile	268
S	Sag — Syntactic Foam	277
T	Tack — Tyre Construction	301
U	Ubbelohde Viscometer — UV Stabilizer	318
V	Vacuum Forming — Vulcanization	326

<b>W</b>	Wall Slip—Work of Adhesion	335
<b>X</b>	X-Ray Diffraction (XRD)—Xenon Arc Lamp	342
<b>Y</b>	Y Calibration Factor—Young's Modulus	343
<b>Z</b>	Z-Blade Mixer—Zisman Plot	347
	<b>References</b>	349