

INTRODUCTION .....	XVII
STUDY GOALS AND OBJECTIVES.....	XVII
REASONS FOR DOING THE STUDY .....	XVIII
CONTRIBUTION OF THE STUDY AND FOR WHOM .....	XVIII
SCOPE AND FORMAT .....	XIX
METHODOLOGY AND INFORMATION SOURCES.....	XX
AUTHOR'S CREDENTIALS .....	XX
RELATED BCC PUBLICATIONS .....	XXI
BCC ONLINE SERVICES.....	XXI
 SUMMARY.....	 XXII
<i>SUMMARY TABLE HIGH-PERFORMANCE FILM MARKET, BY RESIN, THROUGH</i> <i>2008.....</i>	 <i>XXII</i>
<i>SUMMARY FIGURE HIGH-PERFORMANCE FILM MARKET, BY RESIN, 2003 AND</i> <i>2008 (BILLION POUNDS).....</i>	 <i>XXIII</i>
 INDUSTRY OVERVIEW.....	 1
OVERVIEW.....	1
SUPPLIERS .....	2
END USERS.....	3
HIGH-PERFORMANCE FILM PRICING.....	4
<i>TABLE 1 AVERAGE HIGH-PERFORMANCE FILM PRICES (\$/POUND).....</i>	<i>5</i>
<i>TABLE 1 (CONTINUED).....</i>	<i>6</i>
MAJOR MARKETS.....	6
MAJOR MARKETS (CONTINUED) .....	7
 MARKETS BY MATERIALS .....	 8
OVERVIEW.....	8
RESIN MARKET .....	8
<i>TABLE 2 HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH</i> <i>2008 (MILLION POUNDS).....</i>	 <i>8</i>
<i>FIGURE 1 HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, 2003 AND</i> <i>2008 (MILLION POUNDS).....</i>	 <i>9</i>
<i>TABLE 3 HIGH-PERFORMANCE FILM MARKET BY RESIN VALUE, 2003 (\$</i> <i>MILLIONS) .....</i>	 <i>9</i>
HIGH-PERFORMANCE FILM MARKET.....	10
<i>TABLE 4 COMPETITIVE OVERVIEW OF HIGH-PERFORMANCE FILMS, BY</i> <i>APPLICATION.....</i>	 <i>10</i>
POLYESTER FILMS .....	11
BACKGROUND .....	11
MARKET ANALYSIS AND FORECAST .....	11
<i>TABLE 5 POLYESTER FILM MARKET BY APPLICATION, THROUGH 2008</i> <i>(MILLION POUNDS).....</i>	 <i>11</i>
<i>FIGURE 2 POLYESTER FILM MARKET BY APPLICATION, 2003 AND 2008</i> <i>(MILLION POUNDS).....</i>	 <i>12</i>
PET FILM FABRICATORS .....	13
<i>TABLE 6 DOMESTIC POLYESTER FILM FABRICATORS .....</i>	<i>14</i>

APPLICATIONS FOR PET FILMS.....	15
Photographic/Reprographic Films .....	15
Photo Films (Still And Motion Picture) .....	15
Graphics/Reprographics .....	16
Micrographics.....	16
X-Ray Films.....	17
Layout Base.....	17
Magnetic Media .....	18
Audiotapes.....	18
Computer Tapes .....	18
Computer (Floppy) Disks.....	19
Instrumentation Tapes.....	19
Videotapes .....	19
Packaging.....	20
Electrical/Electronic .....	21
Release Film/Pressure Sensitive Tape .....	22
Hot Stamping Films .....	22
Office Products.....	22
Other Applications.....	23
Postage Stamps.....	23
Strapping Tape .....	23
Window Glazing.....	23
More Recent Applications .....	24
SMART Cards .....	24
Ink Jet Printing .....	24
Window Frames .....	24
Color Imprintable White Films .....	25
Metallized PET Films.....	25
PBT Films .....	25
RECENT COMPANY DEVELOPMENTS .....	26
Klockner Pentaplast .....	26
New PET Film Extruder .....	26
A Shift for Dupont-Teijin .....	26
NYLON FILMS.....	27
OVERVIEW .....	27
MARKET ANALYSIS AND FORECAST .....	28
TABLE 7 NYLON FILM MARKET BY APPLICATION, THROUGH 2008 (MILLION POUNDS) .....	28
FIGURE 3 NYLON FILM MARKET BY APPLICATION, 2003 AND 2008 (MILLION POUNDS) .....	28
UNORIENTED NYLON FILMS .....	29
UNIAXIALLY ORIENTED NYLON FILMS .....	29
BIAXIALLY ORIENTED NYLON 6 FILMS .....	29
MULTILAYER EXTRUDED/COEXTRUDED NYLON FILMS.....	30
NYLON FILM FABRICATION .....	31

NYLON RESIN AND FILM SUPPLIERS .....	32
TABLE 8 NYLON FILM FABRICATORS .....	32
NYLON FILM APPLICATIONS .....	32
Food Packaging.....	32
SMC Carrier Webs.....	33
FRP Carrier Webs .....	33
Other Applications.....	33
NEW PRODUCTS .....	34
COMPANY DEVELOPMENTS .....	34
POLYOLEFIN-BASED HIGH-PERFORMANCE FILMS .....	35
OVERVIEW .....	35
MARKET ANALYSIS AND FORECAST .....	35
TABLE 9 POLYOLEFIN HIGH-PERFORMANCE FILM MARKET BY RESIN	
VOLUME, THROUGH 2008 (MILLION POUNDS).....	35
FIGURE 4 POLYOLEFIN HIGH-PERFORMANCE FILM MARKET BY RESIN	
VOLUME, 2003 AND 2008 (MILLION POUNDS).....	36
TABLE 10 POLYOLEFIN HIGH-PERFORMANCE FILM MARKET BY RESIN	
VALUE, 2003 (\$ MILLIONS).....	36
TABLE 11 POLYOLEFIN-BASED FILM MARKET BY APPLICATION, THROUGH	
2008 (MILLION POUNDS).....	37
ETHYLENE-VINYL ALCOHOL COPOLYMER (EVOH).....	37
Background .....	37
Properties.....	38
Applications .....	38
Applications (Continued).....	39
EVOH Producers and Film Fabricators .....	40
IONOMERS.....	41
POLYMETHYLPENTENE (PMP).....	42
POLYVINYLIDENE CHLORIDE (PVDC).....	43
POLYVINYL ALCOHOL (PVOH) .....	44
POLYCARBONATE FILMS .....	45
OVERVIEW .....	45
POLYCARBONATE FILM PROPERTIES.....	45
MARKET ANALYSIS AND FORECAST .....	46
TABLE 12 POLYCARBONATE FILM MARKET BY APPLICATION, THROUGH 2008	
(MILLION POUNDS).....	46
FIGURE 5 POLYCARBONATE FILM MARKET BY APPLICATION, 2003 AND 2008	
(MILLION POUNDS).....	47
POLYCARBONATE FILM FABRICATION .....	47
POLYCARBONATE FILM FABRICATORS.....	48
POLYCARBONATE FILM APPLICATIONS .....	49
Graphic Arts, Labels, Instrument Panels, etc.....	50
Membrane Switches .....	50
Other Applications.....	51
New Applications.....	51
COMPANY NEWS .....	52
FLUOROPOLYMER FILMS .....	52

BACKGROUND .....	52
TABLE 13 FLUOROPOLYMER NAMES AND ACRONYMS.....	52
TABLE 13 (CONTINUED).....	53
FLUOROPOLYMER PROPERTIES .....	53
TABLE 14 FLUOROPOLYMER PROPERTIES AND THE EFFECTS OF INCREASING FLUORINE CONTENT .....	54
FLUOROPOLYMER FILM FABRICATION .....	55
MARKET ANALYSIS AND FORECAST .....	56
TABLE 15 FLUOROPOLYMER FILM MARKET BY APPLICATION, THROUGH 2008 (MILLION POUNDS) .....	56
TABLE 16 FLUOROPOLYMER FILMS BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS) .....	57
FIGURE 6 FLUOROPOLYMER FILMS BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS) .....	57
TABLE 17 FLUOROPOLYMER FILM BY RESIN VALUE, 2003 (\$ MILLIONS).....	58
TRADE NAMED PRODUCTS .....	58
POLYTETRAFLUOROETHYLENE (PTFE) .....	59
POLYVINYL FLUORIDE (PVF) .....	60
FLUORINATED ETHYLENE-PROPYLENE COPOLYMER (FEP).....	61
Fluorinated Ethylene-Propylene Copolymer (FEP) (Continued) .....	62
CHLOROTRIFLUOROETHYLENE-VINYLDENE FLUORIDE COPOLYMER (PCTFE OR CFTE-VDF COPOLYMER).....	63
Chlorotrifluoroethylene-Vinylidene Fluoride Copolymer...(Continued).....	63
POLYVINYLIDENE FLUORIDE (PVdF).....	65
PVdF Piezo Film .....	65
ETHYLENE CHLOROTRIFLUOROETHYLENE COPOLYMER (ECTFE) .....	66
ETHYLENE TETRAFLUOROETHYLENE COPOLYMER (ETFE) .....	67
PERFLOUROALKYL-TETRAFLUOROETHYLENE COPOLYMER (PFA).....	68
POLYIMIDE FILMS .....	68
TYPES AND PROPERTIES OF POLYIMIDE FILMS.....	68
Types and Properties of Polyimide Films (Continued) .....	69
MARKET ANALYSIS AND FORECAST .....	70
TABLE 18 POLYIMIDE FILM MARKET BY APPLICATION, THROUGH 2008 (MILLION POUNDS) .....	70
FIGURE 7 POLYIMIDE FILM MARKET BY APPLICATION, THROUGH 2008 (MILLION POUNDS) .....	70
KAPTON™ FILMS.....	71
APICAL™ FILMS .....	72
UPILEX™ FILMS .....	72
POLYIMIDE FILM FABRICATION .....	73
POLYIMIDE FILM APPLICATIONS .....	74

Flexible Printed Circuit (FPC) Boards .....	74
Wire and Cable .....	75
Motors and Generators.....	75
Tapes .....	76
Other Applications.....	76
COLORLESS POLYIMIDE FILMS.....	77
POLYIMIDE FILM SUPPLIERS .....	77
OTHER HIGH-PERFORMANCE FILMS.....	77
OVERVIEW .....	77
LIQUID CRYSTAL POLYMERS (LCP) .....	78
Background .....	78
Market Analysis and Forecast .....	78
Properties and Applications .....	79
New Developments .....	80
POLYETHYLENE NAPHTHALATE (PEN).....	80
Background .....	80
Market Analysis and Forecast .....	80
Properties and Applications .....	81
POLYKETONE FILMS.....	82
Background .....	82
Market Analysis and Forecast .....	82
POLYETHERETHERKETONE (PEEK) FILMS.....	83
POLYSULFONE FILMS.....	84
Background .....	84
Market Analysis and Forecast .....	84
<i>TABLE 19 POLYSULFONE FILM MARKET BY APPLICATION, THROUGH 2008</i> <i>(MILLION POUNDS)</i> .....	84
<i>FIGURE 8 POLYSULFONE FILM MARKET BY APPLICATION, THROUGH 2008</i> <i>(MILLION POUNDS)</i> .....	85
Polyarylsulfones (PAS).....	85
Polyethersulfones (PES).....	86
Polysulfones (PSO) .....	86
POLYETHERIMIDE FILMS .....	87
Background .....	87
Market Analysis and Forecast .....	87
<i>TABLE 20 POLYETHERIMIDE FILM MARKET BY APPLICATION, THROUGH 2008</i> <i>(MILLION POUNDS)</i> .....	87
<i>FIGURE 9 POLYETHERIMIDE FILM MARKET BY APPLICATION, THROUGH 2008</i> <i>(MILLION POUNDS)</i> .....	88
Properties of PEI Films .....	88
Applications of PEI Films .....	89
POLYPHENYLENE SULFIDE FILMS .....	90
Overview .....	90
Properties.....	90
Market Analysis and Forecast .....	90
PPS Film Applications .....	90

DEVELOPMENTAL FILMS .....	91
OVERVIEW .....	91
BENZOCYCLOBUTENE (BCB).....	91
CYCLOOLEFIN COPOLYMER (COC) .....	92
Cycloolefin Copolymer (COC) (Continued) .....	93
MARKETS BY APPLICATION.....	94
OVERVIEW .....	94
<i>TABLE 21 HIGH-PERFORMANCE FILM MARKET VOLUME BY APPLICATION, THROUGH 2008 (MILLION POUNDS)</i> .....	95
<i>TABLE 22 HIGH-PERFORMANCE FILM MARKET VALUE BY APPLICATION, 2003</i> .....	95
<i>TABLE 22 (CONTINUED)</i> .....	96
PACKAGING.....	96
OVERVIEW .....	96
MARKET ANALYSIS AND FORECAST .....	97
<i>TABLE 23 PACKAGING HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS)</i> .....	97
FOOD PACKAGING .....	98
Flexible Food Packaging.....	98
<i>TABLE 24 FLEXIBLE FOOD PACKAGING FABRICATION PROCESSES, APPLICATIONS, AND STRUCTURES</i> .....	99
Rigid Plastic Food Containers.....	100
<i>TABLE 25 RIGID FOOD PACKAGING: FABRICATION PROCESSES, APPLICATIONS, AND STRUCTURES</i> .....	100
New Company Developments .....	100
NONFOOD PACKAGING.....	101
Overview .....	101
PHOTOGRAPHIC/REPROGRAPHIC.....	102
MARKET ANALYSIS AND FORECAST .....	102
<i>TABLE 26 PHOTOGRAPHIC/REPROGRAPHIC HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS)</i> .....	103
PHOTO FILMS.....	103
REPROGRAPHIC FILMS.....	104
MAGNETIC MEDIA .....	105
MARKET ANALYSIS AND FORECAST .....	105
MAGNETIC TAPES.....	106
COMPUTER DISKS.....	107
AUTOMOTIVE.....	107
OVERVIEW .....	107
MARKET ANALYSIS AND FORECAST .....	108
<i>TABLE 27 AUTOMOTIVE HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS)</i> .....	108
APPLICATIONS.....	109
PET Films .....	109
Nylon Films.....	109
Polycarbonate Films .....	109
Fluoropolymer Films .....	110

EVOH Films.....	110
RECENT DEVELOPMENTS .....	110
Increased Use of Films on Electroluminescent Instrument Panels .....	110
High-Performance Films in Thermoforming.....	111
ELECTRICAL/ELECTRONIC .....	111
BACKGROUND .....	111
MARKET ANALYSIS AND FORECAST .....	111
TABLE 28 ELECTRICAL/ELECTRONIC HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS).....	111
INSULATION.....	112
Insulation (Continued) .....	113
CAPACITORS.....	114
Capacitors (Continued).....	115
PRINTED CIRCUIT BOARDS (PCBS).....	116
Background .....	116
Recent Developments .....	117
TAPE AUTOMATED BONDING (TAB) .....	117
MEMBRANE SWITCHES .....	118
OTHER ELECTRICAL AND ELECTRONIC APPLICATIONS .....	118
RELEASE FILMS .....	118
OVERVIEW .....	118
MARKET ANALYSIS AND FORECAST .....	119
TABLE 29 RELEASE FILM HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS).....	119
LABELS AND DECALS .....	119
PRESSURE-SENSITIVE TAPES.....	120
OTHER RELEASE FILM APPLICATIONS .....	120
OTHER MARKETS.....	121
MARKET ANALYSIS AND FORECAST .....	121
TABLE 30 OTHER HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS) .....	121
PET FILMS .....	121
TABLE 31 POLYESTER HIGH-PERFORMANCE FILM APPLICATIONS IN OTHER MARKETS BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS).....	122
POLYCARBONATE FILMS .....	122
TABLE 32 POLYCARBONATE HIGH-PERFORMANCE FILM IN OTHER MARKETS BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS) .....	122
FLUOROPOLYMER FILMS .....	122
TABLE 33 FLUOROPOLYMER HIGH-PERFORMANCE FILM APPLICATIONS IN OTHER MARKETS BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS).....	123
APPLICATIONS IN “OTHER MARKETS” .....	123
Office Products.....	123
Hot Stamping Films .....	123
Building/Construction .....	124
TABLE 34 BUSINESS/CONSTRUCTION HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS).....	125

Aircraft/Aerospace .....	125
<i>TABLE 35 AIRCRAFT/AEROSPACE HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS) .....</i>	<i>126</i>
Signs/Nameplates/Displays.....	127
Industrial Membranes.....	127
Clothing.....	128
OTHER MISCELLANEOUS MARKETS.....	128
MARKET ANALYSIS AND FORECAST .....	128
<i>TABLE 36 MISCELLANEOUS HIGH-PERFORMANCE FILM MARKET BY RESIN VOLUME, THROUGH 2008 (MILLION POUNDS).....</i>	<i>129</i>
DECORATIVE AND AMUSEMENT ITEMS.....	129
ENERGY GENERATION .....	130
MOISTURE-SHRINKABLE FILMS .....	130
PLASTIC FILM FABRICATION TECHNOLOGY.....	131
OVERVIEW.....	131
EXTRUSION AND MELT FILM FABRICATION .....	131
EXTRUSION .....	132
MELT FILM FABRICATION .....	132
BLOWN FILMS .....	133
BLOWN FILMS (CONTINUED) .....	134
FILM CASTING.....	135
FILM CASTING (CONTINUED) .....	136
SOLVENT CASTING.....	137
PTFE FABRICATION TECHNIQUES .....	138
MULTILAYER LAMINATION AND COEXTRUSION .....	139
OVERVIEW .....	139
LAMINATION.....	139
COEXTRUSION .....	140
Coextrusion (Continued) .....	141
BARRIER TECHNOLOGY.....	142
OVERVIEW .....	142
MOISTURE .....	143
OXYGEN AND OTHER GASES.....	143
Oxygen and Other Gases (Continued) .....	144
LIGHT.....	145
ODORS AND OTHERS.....	145
BARRIER FILMS.....	145
Metallized Films .....	146
Silicon Oxide Films.....	146
NANOCOMPOSITE BARRIERS.....	147
POLYMER AND FILM ORIENTATION .....	147
POLYMER AND FILM ORIENTATION (CONTINUED).....	148
<i>TABLE 37 KEY ASPECTS OF HIGH-PERFORMANCE FILM FABRICATION.....</i>	<i>149</i>
COMPETITIVE PROCESSES, METHODS, PRODUCTS .....	150



RESEARCH AND DEVELOPMENT .....	150
RESEARCH AND DEVELOPMENT (CONTINUED).....	151
INDUSTRY STRUCTURE AND COMPETITION .....	152
OVERVIEW .....	152
INTEGRATED FILM FABRICATORS .....	153
VERTICAL INTEGRATION .....	153
HORIZONTAL INTEGRATION .....	154
NONINTEGRATED FILM FABRICATORS .....	154
CAPTIVE CONSUMPTION .....	154
INDUSTRY CONCENTRATION .....	155
MARKET SHARES OF HIGH-PERFORMANCE FILM FABRICATORS.....	155
<i>TABLE 38 ESTIMATED MARKET SHARES OF LEADING HIGH PERFORMANCE     FILM FABRICATORS, 2003 (%).....</i>	156
<i>FIGURE 10 ESTIMATED MARKET SHARES OF LEADING HIGH PERFORMANCE     FILM FABRICATORS, 2003 (%).....</i>	156
<i>TABLE 39 ESTIMATED MARKET SHARES OF HIGH-PERFORMANCE FILM     FABRICATORS BY TYPE OF MAJOR FILM, 2003 (%) .....</i>	157
<i>FIGURE 11 ESTIMATED MARKET SHARES* OF HIGH-PERFORMANCE FILM     FABRICATORS BY TYPE OF MAJOR FILM, 2003 (%) .....</i>	158
EXAMPLES OF RECENT COMPANY ACTIVITIES .....	158
Honeywell and BASF .....	158
GE Buys Honeywell.....	158
Solvay Buys Ausimont.....	159
Dupont Buys Eastman's LCP Product Line .....	159
DuPont's Canadian Activities .....	159
END-USER FILM SELECTION CRITERIA .....	159
END-USER FILM SELECTION CRITERIA (CONTINUED).....	160
PRODUCT DIFFERENTIATION/MARKET SUBSTITUTION .....	161
MARKETING .....	162
OVERVIEW .....	162
MARKET ENTRY .....	163
DISTRIBUTION .....	164
Direct Sale.....	164
Converter/Distributor Firms.....	165
Exports and Imports.....	166
IMPACT OF LARGE PERFORMANCE FILM PRODUCERS AND END USERS .....	167
PRICING AND PROFITABILITY .....	167
Pricing and Profitability (Continued) .....	168
INTERNATIONAL ASPECTS.....	169
ENVIRONMENTAL AND REGULATORY FACTORS.....	170
ENVIRONMENTAL.....	170
DISPOSAL PROBLEMS .....	171
FILM RECYCLING.....	171

BIODEGRADABILITY .....	172
FEDERAL LAWS AND REGULATIONS .....	172
TARIFFS AND PRODUCT DUMPING .....	173
REGULATORY APPROVALS OF MERGERS AND ACQUISITIONS.....	174
 SUPPLIER COMPANY PROFILES .....	 175
AAVID THERMALLOY—CONCORD, NH .....	175
BAYER PLASTICS— PITTSBURGH, PA .....	175
BEMIS MANUFACTURING—MINNEAPOLIS, MN .....	176
BOEDEKER PLASTICS—SHINER, TX.....	176
CHEMFAB—MERRIMACK, NH .....	177
COBURN GRAPHIC FILMS—LAKEWOOD, NJ .....	177
DAIKIN AMERICA—ORANGEBURG, NY.....	177
D&K INTERNATIONAL—ELK GROVE VILAGE, IL .....	177
DEARBORN ELECTRONICS—LONGWOOD, FL.....	178
DOW PLASTICS—MIDLAND, MI .....	178
DUPONT—WILMINGTON, DE .....	178
TEDLAR™ .....	179
TEFLON™ PFA AND TEFZEL™ ETFE FILMS .....	179
ELVANOL™ .....	180
KAPTON™ .....	180
DARTEK™ NYLONS.....	180
LCPS .....	181
IONOMERS .....	181
DUPONT-TEIJIN—HOPEWELL, VA.....	181
DYNEON—OAKDALE, MN.....	182
EASTMAN CHEMICAL—KINGSPORT, TN .....	183
ENHANCED PACKAGING TECHNOLOGIES—WHITBY, ONTARIO .....	183
EVAL COMPANY OF AMERICA—HOUSTON, TX.....	184
EXXONMOBIL—HOUSTON, TX .....	184
GE PLASTICS—PITTSFIELD, MA.....	184
GRAFIX PLASTICS—CLEVELAND, OH .....	185
HONEYWELL—MORRISTOWN, NJ.....	185
CS HYDE COMPANY—LAKEVILLE, IL .....	186
KANEKA TEXAS CORPORATION—HOUSTON, TX.....	187
KLOCKNER PENTAPLAST—GORDONSVILLE, VA .....	187
KURARAY COMPANY—OSAKA, JAPAN.....	188
MITSUBISHI POLYESTER FILMS—GREER, SC.....	188
NIPPON GOHSEI—TOKYO, JAPAN.....	188
PHOENIX FILMS—CLEARWATER, FL .....	189
PLASTOMER TECHNOLOGIES—HOUSTON, TX .....	189
REGAL PLASTICS—PHOENIX, AZ .....	189
SKC GROUP—SEOUL, KOREA.....	189
SAINT GOBAIN PERFORMANCE PLASTICS—PARIS, FRANCE.....	190

SOLVAY—HOUSTON, TX.....	190
TEKNI-FILMS—SOMMERVILLE, NJ .....	191
3M COMPANY—ST. PAUL, MN .....	191
TICONA—SUMMIT, NJ.....	192
TORAY—TOKYO, JAPAN/NORTH KINGSTON, RI .....	192
TRANSILWRAP COMPANY—FRANKLIN PARK, IL .....	192
UBE INDUSTRIES—TOKYO, JAPAN.....	193
WESTLAKE PLASTICS—LENNI, PA .....	193
APPENDICES.....	194
HIGH-PERFORMANCE FILM FABRICATORS AND TRADE NAMED PRODUCTS .....	194
<i>TABLE 40 HIGH-PERFORMANCE FILMS, TRADE NAMES, AND FABRICATORS.....</i>	<i>194</i>
<i>TABLE 40 (CONTINUED).....</i>	<i>195</i>
GLOSSARY OF IMPORTANT TERMS, ABBREVIATIONS, ACRONYMS, ETC.....	195