

## Report Information

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# Greenhouse Films Market Research Report - Forecast to 2032

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## Description:

## Global Greenhouse Films Market Overview

Greenhouse Films Market Size was valued at USD 4.9 billion in 2022. The Greenhouse Films market industry is projected to grow from USD 5.30425 Billion in 2023 to USD 10.00108746 billion by 2032, exhibiting a compound annual growth rate (CAGR) of 8.25% during the forecast period (2023 - 2032). Increased population and rising food demand to enhance growth scope are the key market drivers enhancing market growth.

Greenhouse Films Market Overview

Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review

## Greenhouse Films Market Trends

### Growing need for nursery-cultivated crops is driving the market growth

The growing need for nursery-cultivated crops, expanding property area following greenhouse-maintained agriculture, and increasing focus on improving farming yield drives the greenhouse film market over the forecast period. Population growth across the globe has compelled increased agricultural output. This rising disposable income in emerging countries has caused enhanced dietary changes, thus surging the food demand. The yearly land utilization for agricultural crop production has impacted soil nutrient content. This factor drives the Market CAGR.

Additionally, as the cultivated area increases in the protected area, products such as U.V. light are added, and R&D activities are focused on creating different types of greenhouse films. Anti-radiation, NIR blocking, fluorescent, and superheat. U.V. protection film protects plants from diseases and pests. Plastic film used as a greenhouse cover has been developed as a new material with optical and optical properties. Nano greenhouses increase efficiency in the temporary harvest. Porous polycarbonate is the greenhouse coating raw material called NANO. Furthermore, as the cultivated area increases in the protected area, products such as U.V. light are added, and R&D activities are focused on creating different types of greenhouse films. Anti-radiation, NIR blocking, fluorescent, and superheat. U.V. protection film protects plants from diseases and pests. This film prevents the U from spreading. The rays are irradiated in the greenhouse to reduce the growth of pests and diseases. Near-infrared blocking film blocks radiation and promotes plant growth. The fluorescent film only allows 300 nm-700 nm spectral radiations to enter the greenhouse. Therefore, technological advances such as soil fumigation, drip irrigation, and crop aeration should offer job opportunities. Thus, driving the Greenhouse Films market revenue.

## Greenhouse Films Market Segment Insights

### Greenhouse Films Resin Type Insights

Based on resin type, the Greenhouse Films market segmentation includes LDPE, LLDPE, HDPE,PVC, P.C., EVA, and EBA. The LDPE segment dominated the market, and the greenhouse film market is anticipated to be driven by factors like the rising demand for high-quality film to withstand harsh climatic conditions. The market for LDPE resin-based greenhouse film is anticipated to grow due to LDPE's superior features over other resin types, including improved thickness, optical qualities, and resistance to excessive sunlight and the outside environment. Additionally, compared to other polymer films, it is comparably cheaper, more transparent, and more flexible.

### Greenhouse Films Thickness Insights

The Greenhouse Films market segmentation, based on thickness, includes <200 Microns, 200 Microns, and >200 Microns. The <200 Microns segment dominated the market due to growing benefits such as U.V. stability for resistance to solar aging. However, the 200 microns was the fastest growing category due to its excellent mechanical properties for adverse climatic conditions.

## Greenhouse Films Application Insights

Based on application, the Greenhouse Films market segmentation includes Vegetables, Fruits, and flowers & ornamentals. The flowers & ornamentals segment dominated the market; the flowers & ornamentals category had a prominent share in 2022. Ornamental plants contribute to the quality of life. In addition, vegetables are the fastest growing due to the needs of the growing population.

**Figure1: Greenhouse Films Market, by Application, 2022 &2032(USD billion)**

Greenhouse Films Market, by Application, 2022 &2032

**Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review**

## Greenhouse Films Regional Insights

By Region, the study provides market insights into North America, Europe, Asia-Pacific, and the Rest of the World. The North American Greenhouse Films market area will dominate this market. The increasing need to enhance agricultural yield and a growing focus on nutritious food products and indoor farming will boost market growth in this Region.

Also, major countries reviewed in the market report include the United States, Canada, Germany, France, United Kingdom, Italy, Spain, China, Japan, India, Australia, Korea, South Korea, and Brazil.

**Figure2: GREENHOUSE FILMS MARKET SHARE BY REGION 2022 (%)**

GREENHOUSE FILMS MARKET SHARE BY REGION 2022

**Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review**

Europe's Greenhouse Films market accounts for the second-largest market share due to consumers increasing preference for plant-based food, propelling the greenhouse films market growth.

Further, the German Greenhouse Films market held the largest market share, and the UK Greenhouse Films market was the highest-growing market in the European Region.

The Asia-Pacific Greenhouse Films Market is expected to grow at the fastest CAGR from 2023 to 2032. This is due increasing availability of plastic raw materials paving the way for product innovation. Moreover, China's Greenhouse Films market held the largest market share, and the Indian Greenhouse Films market was the highest-growing market in the Asia-Pacific region.

## Greenhouse Films Key Market Players& Competitive Insights

Leading market players are investing heavily in research and development to expand their product lines, which will help the Greenhouse Films market grow even more. Market participants are also undertaking different strategic activities to expand their footprint, with important market developments including new product launches, contractual agreements, mergers and acquisitions, higher investments, and collaboration with other organizations. The Greenhouse Films industry must offer cost-effective items to expand and survive in a more competitive and rising market climate.

Manufacturing locally to minimize operational costs is one of the key business tactics manufacturer's uses in the Greenhouse Films industry to benefit clients and increase the market sector. Years, the Greenhouse Films industry offered some of the most significant advantages. Major players in the Greenhouse Films market, including Ginegar Plastic Products Ltd. (Israel), Lumite Inc. (U.S.), RPC Group plc (U.K.), Agriplast (Italy), Agriplast Tech India Pvt. Ltd. (India), Essen Multipack (India), Beijing Kingpeng International Hi-Tech Corporation (China), Central Worldwide Co. Ltd. (Thailand), and others, are attempting to increase market demand by investing in research and development operations.

Ginegar Plastic Products Ltd. He is a producer and producer of greenhouse cover and mulch for planting in Israel. Ginegar Plastic Products Ltd, a manufacturer of P.E. sheets and mesh for various applications in agriculture, announced that it had acquired Flextech, a manufacturer of plastic films for the agricultural, wind power, automobile, manufacturing, shipbuilding, and container industries, for \$7.800 kilo.

Plastika Kritis S.A. It was established in 1970. It is one of the leading masterbatch and agricultural film producers in Europe. Its products work for the plastics industry, the horticultural and agricultural industries, and water management and environmental protection projects. Plastika Kritis has developed a new EVO AC film. These EVO AC films have 8 nanomaterial-based layers for maximum water resistance. This film should be better than other films whose additives settle and weaken within 1-2 years.

## Key Companies in the Greenhouse Films market include

- Ginegar Plastic Products Ltd. (Israel)
- Lumite Inc. (U.S.)
- RPC Group plc (U.K.)
- Agriplast (Italy)
- Agriplast Tech India Pvt. Ltd. (India)
- Essen Multipack (India)
- Beijing Kingpeng International Hi-
- Central Worldwide Co. Ltd. (Thailand)
- Vis and Son Company Limited (Thailand)

- Thai Charoen Thong Karntor Co.Ltd. (Thailand)
- Tuflex

## Greenhouse Films Industry Developments

**June 2017:** Ginegar Plastic Products Ltd, a manufacturer of P.E. sheets and mesh for a variety of applications in agriculture, announced that it had acquired Flextech, a manufacturer of plastic films for processing the agriculture, wind power, automobile, manufacturing plants, shipbuilding, and packaging industries, for \$7.8 million.

**July 2019:** Plastika Kritis has developed a new EVO AC film. These EVO AC films have 8 nanomaterial-based layers for maximum water resistance. This film should be better than other films whose additives settle and weaken within 1-2 years.

## Greenhouse Films Market Segmentation

### Greenhouse Films Resin Type Outlook

- LDPE
- LLDPE
- HDPE
- PVC
- PC
- EVA
- EBA

### Greenhouse Films Thickness Outlook

- <200 Microns
- 200 Microns
- >200 Microns

### Greenhouse Films Application Outlook

- Vegetables
- Fruits
- Flowers & Ornamentals

### Greenhouse Films Regional Outlook

- North America
  - US
  - Canada
- Europe
  - Germany
  - France
  - UK
  - Italy
  - Spain
  - Rest of Europe
- Asia-Pacific
  - China

- Japan
- India
- Australia
- South Korea
- Australia
- Rest of Asia-Pacific
- Rest of the World
- Middle East
- Africa
- Latin America

## Table of Content:

Contents	
1 Executive Summary	
2 Market Introduction	
2.1 Definition	21
2.2 Scope Of The Study	21
2.3 List Of Assumptions	22
2.4 Market Structure	22
3 Research Methodology	
3.1 Research Process	24
3.2 Primary Research	25
3.3 Secondary Research	26
3.4 Market Size Estimation	26
3.5 Forecast Model	27
4 Market Dynamics	
4.1 Introduction	29
4.2 Drivers	30
4.2.1 Increasing Demand For Greenhouse Cultivated Crops Globally	30
4.2.2 Low Cost Per Square Meter	30
4.2.3 Demand For Greenhouse Cultivation In Asia-Pacific	30
4.2.4 Drivers Impact Analysis	31
4.3 Restraints	31
4.3.1 Low Awareness Of Greenhouse Films	31
4.3.2 Susceptible To Rips, Tears, And Puncture	31
4.3.3 Restraints Impact Analysis	32
4.4 Opportunities	32
4.4.1 Shift Towards Greenhouse Cultivation	32
4.4.2 Advancement In Technology	33
4.5 Trends	33
4.5.1 Growing Emphasis On 200 Micron UV Stabilized Poly Film	33
5 Market Factor Analysis	
5.1 Supply Chain Analysis	35
5.1.1 Raw Material Suppliers	35
5.1.2 Greenhouse Films Manufacturers	35
5.1.3 Distribution Channel	35
5.1.4 End-Use Industry	36
5.2 Porter's Five Forces Model	36
5.2.1 Threat Of New Entrants	36
5.2.2 Threat Of Rivalry	36
5.2.3 Threat Of Substitutes	37
5.2.4 Bargaining Power Of Supplier	37
5.2.5 Bargaining Power Of Buyer	37
6 Global Greenhouse Films Market, By Resin Type	
6.1 Introduction	39
6.2 LDPE	41
6.3 LLDPE	42
6.4 HDPE	43
6.5 PVC	44
6.6 PC	45
6.7 EVA	46
6.8 EBA	47
7 Global Greenhouse Films Market, By Thickness	
7.1 Introduction	50
7.2 <200 Microns	52
7.3 200 Microns	53
7.4 >200 Microns	54
8 Global Greenhouse Films Market, By Application	
8.1 Introduction	56
8.2 Vegetables	58
8.3 Fruits	59
8.4 Flowers & Ornamentals	60
8.5 Others	61
9 Global Greenhouse Films Market, By Region	
9.1 Introduction	63
9.2 North America	68
9.2.1 US	72

9.2.2 Canada	75
9.3 Europe	78
9.3.1 Spain	82
9.3.2 Italy	85
9.3.3 FRANCE	88
9.3.4 Russia	91
9.3.5 Germany	94
9.3.6 UK	97
9.3.7 Poland	100
9.3.8 Rest Of Europe	103
9.4 Asia Pacific	106
9.4.1 China	110
9.4.2 Japan	113
9.4.3 South Korea	116
9.4.4 Australia & New Zealand	119
9.4.5 Malaysia	122
9.4.6 Thailand	125
9.4.7 Indonesia	128
9.4.8 India	131
9.4.9 Rest Of Asia Pacific	134
9.5 Latin America	137
9.5.1 Mexico	141
9.5.2 Brazil	144
9.5.3 Argentina	147
9.5.4 Rest Of Latin America	150
9.6 Middle East & Africa	153
9.6.1 Turkey	157
9.6.2 Egypt	160
9.6.3 Israel	163
9.6.4 Saudi Arabia	166
9.6.5 UAE	169
9.6.6 Rest Of Middle East & Africa	172
10 Competitive Landscape	
10.1 Introduction	177
10.2 Market Strategy Analysis	177
11 Company Profile	
11.1 Ginagar Plastic Products Ltd	179
11.1.1 Company Overview	179
11.1.2 Financial Overview	179
11.1.3 Products Offered	179
11.1.4 Key Developments	179
11.1.5 SWOT Analysis	180
11.1.6 Key Strategies	180
11.2 Lumite, Inc.	181
11.2.1 Company Overview	181
11.2.2 Financial Overview	181
11.2.3 Products Offered	181
11.2.4 Key Developments	181
11.2.5 SWOT Analysis	181
11.2.6 Key Strategies	181
11.3 RPC Group Plc	182
11.3.1 Company Overview	182
11.3.2 Financial Overview	182
11.3.3 Products Offered	182
11.3.4 Key Developments	182
11.3.5 SWOT Analysis	183
11.3.6 Key Strategies	183
11.4 Agriplast	184
11.4.1 Company Overview	184
11.4.2 Financial Overview	184
11.4.3 Products Offered	184
11.4.4 Key Developments	184
11.4.5 SWOT Analysis	184
11.4.6 Key Strategies	184
11.5 Agriplast Tech India Pvt. Ltd	185
11.5.1 Company Overview	185
11.5.2 Financial Overview	185
11.5.3 Products Offered	185
11.5.4 Key Developments	185
11.5.5 SWOT Analysis	186
11.5.6 Key Strategies	186
11.6 Essen Multipack	187
11.6.1 Company Overview	187
11.6.2 Financial Overview	187
11.6.3 Products Offered	187
11.6.4 Key Developments	187
11.6.5 SWOT Analysis	187
11.6.6 Key Strategies	187
11.7 Beijing Kingpeng International Hi-Tech Corporation	188
11.7.1 Company Overview	188
11.7.2 Financial Overview	188
11.7.3 Products Offered	188
11.7.4 Key Developments	188
11.7.5 SWOT Analysis	189
11.7.6 Key Strategies	189
11.8 Central Worldwide Co., Ltd	190
11.8.1 Company Overview	190
11.8.2 Financial Overview	190
11.8.3 Products Offered	190
11.8.4 Key Developments	190
11.8.5 SWOT Analysis	190
11.8.1 Key Strategies	190
11.9 Vis And Son Company Limited	191

11.9.1 Company Overview	191
11.9.2 Financial Overview	191
11.9.3 Products Offered	191
11.9.4 Key Developments	191
11.9.5 SWOT Analysis	191
11.9.6 Key Strategies	191
11.10 Thai Charoen Thong Karntor Co., Ltd	192
11.10.1 Company Overview	192
11.10.2 Financial Overview	192
11.10.3 Products Offered	192
11.10.4 Key Developments	192
11.10.5 SWOT Analysis	192
11.10.6 Key Strategies	192
11.11 Tuflex India	193
11.11.1 Company Overview	193
11.11.2 Financial Overview	193
11.11.3 Products Offered	193
11.11.4 Key Developments	194
11.11.5 SWOT Analysis	194
11.11.6 Key Strategies	194
12 Conclusion	
12.1 Key Findings	196
13 List Of Tables	
TABLE 1 MARKET SYNOPSIS	19
TABLE 2 LIST OF ASSUMPTIONS	22
TABLE 3 GLOBAL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	40
TABLE 4 GLOBAL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	41
TABLE 5 GLOBAL GREENHOUSE FILMS MARKET FOR LDPE, BY REGION 2023-2032 (USD MILLION)	41
TABLE 6 GLOBAL GREENHOUSE FILMS MARKET FOR LDPE, BY REGION 2023-2032 ('000 TONS)	42
TABLE 7 GLOBAL GREENHOUSE FILMS MARKET FOR LLDPE, BY REGION 2023-2032 (USD MILLION)	42
TABLE 8 GLOBAL GREENHOUSE FILMS MARKET FOR LLDPE, BY REGION 2023-2032 ('000 TONS)	43
TABLE 9 GLOBAL GREENHOUSE FILMS MARKET FOR HDPE, BY REGION 2023-2032 (USD MILLION)	43
TABLE 10 GLOBAL GREENHOUSE FILMS MARKET FOR HDPE, BY REGION 2023-2032 ('000 TONS)	44
TABLE 11 GLOBAL GREENHOUSE FILMS MARKET FOR PVC, BY REGION 2023-2032 (USD MILLION)	44
TABLE 12 GLOBAL GREENHOUSE FILMS MARKET FOR PVC, BY REGION 2023-2032 ('000 TONS)	45
TABLE 13 GLOBAL GREENHOUSE FILMS MARKET FOR PC, BY REGION 2023-2032 (USD MILLION)	45
TABLE 14 GLOBAL GREENHOUSE FILMS MARKET FOR PC, BY REGION 2023-2032 ('000 TONS)	46
TABLE 15 GLOBAL GREENHOUSE FILMS MARKET FOR EVA, BY REGION 2023-2032 (USD MILLION)	46
TABLE 16 GLOBAL GREENHOUSE FILMS MARKET FOR EVA, BY REGION 2023-2032 ('000 TONS)	47
TABLE 17 GLOBAL GREENHOUSE FILMS MARKET FOR EBA, BY REGION 2023-2032 (USD MILLION)	47
TABLE 18 GLOBAL GREENHOUSE FILMS MARKET FOR EBA, BY REGION 2023-2032 ('000 TONS)	48
TABLE 19 GLOBAL GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	50
TABLE 20 GLOBAL GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 ('000 TONS)	51
TABLE 21 GLOBAL GREENHOUSE FILMS MARKET FOR <200 MICRONS, BY REGION 2023-2032 (USD MILLION)	52
TABLE 22 GLOBAL GREENHOUSE FILMS MARKET FOR <200 MICRONS, BY REGION 2023-2032 ('000 TONS)	52
TABLE 23 GLOBAL GREENHOUSE FILMS MARKET FOR 200 MICRONS, BY REGION 2023-2032 (USD MILLION)	53
TABLE 24 GLOBAL GREENHOUSE FILMS MARKET FOR 200 MICRONS, BY REGION 2023-2032 ('000 TONS)	53
TABLE 25 GLOBAL GREENHOUSE FILMS MARKET FOR >200 MICRONS, BY REGION 2023-2032 (USD MILLION)	54
TABLE 26 GLOBAL GREENHOUSE FILMS MARKET FOR >200 MICRONS, BY REGION 2023-2032 ('000 TONS)	54
TABLE 27 GLOBAL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	56
TABLE 28 GLOBAL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	57
TABLE 29 GLOBAL GREENHOUSE FILMS MARKET FOR VEGETABLES, BY REGION 2023-2032 (USD MILLION)	58
TABLE 30 GLOBAL GREENHOUSE FILMS MARKET FOR VEGETABLES, BY REGION 2023-2032 ('000 TONS)	58
TABLE 31 GLOBAL GREENHOUSE FILMS MARKET FOR FRUITS, BY REGION 2023-2032 (USD MILLION)	59
TABLE 32 GLOBAL GREENHOUSE FILMS MARKET FOR FRUITS, BY REGION 2023-2032 ('000 TONS)	59
TABLE 33 GLOBAL GREENHOUSE FILMS MARKET FOR FLOWERS & ORNAMENTALS, BY REGION 2023-2032 (USD MILLION)	60
TABLE 34 GLOBAL GREENHOUSE FILMS MARKET FOR FLOWERS & ORNAMENTALS, BY REGION 2023-2032 ('000 TONS)	60
TABLE 35 GLOBAL GREENHOUSE FILMS MARKET FOR OTHERS, BY REGION 2023-2032 (USD MILLION)	61
TABLE 36 GLOBAL GREENHOUSE FILMS MARKET FOR OTHERS, BY REGION 2023-2032 ('000 TONS)	61
TABLE 37 GLOBAL GREENHOUSE FILMS MARKET, BY REGION 2023-2032 (USD MILLION)	63
TABLE 38 GLOBAL GREENHOUSE FILMS MARKET, BY REGION 2023-2032 ('000 TONS)	64
TABLE 39 GLOBAL GREENHOUSE FILMS MARKET FOR RESIN TYPE, BY REGION 2023-2032 (USD MILLION)	65
TABLE 40 GLOBAL GREENHOUSE FILMS MARKET FOR RESIN TYPE, BY REGION 2023-2032 ('000 TONS)	65
TABLE 41 GLOBAL GREENHOUSE FILMS MARKET FOR THICKNESS, BY REGION 2023-2032 (USD MILLION)	66
TABLE 42 GLOBAL GREENHOUSE FILMS MARKET FOR THICKNESS, BY REGION 2023-2032 ('000 TONS)	66
TABLE 43 GLOBAL GREENHOUSE FILMS MARKET FOR APPLICATION, BY REGION 2023-2032 (USD MILLION)	67
TABLE 44 GLOBAL GREENHOUSE FILMS MARKET FOR APPLICATION, BY REGION 2023-2032 ('000 TONS)	67
TABLE 45 NORTH AMERICA GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 (USD MILLION)	68
TABLE 46 NORTH AMERICA GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 ('000 TONS)	68
TABLE 47 NORTH AMERICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	69
TABLE 48 NORTH AMERICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	69
TABLE 49 NORTH AMERICA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	70
TABLE 50 NORTH AMERICA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	70
TABLE 51 NORTH AMERICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	71
TABLE 52 NORTH AMERICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	71
TABLE 53 US GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	72
TABLE 54 US GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	72
TABLE 55 US GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	73
TABLE 56 US GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	73
TABLE 57 US GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	74
TABLE 58 US GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	74
TABLE 59 CANADA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	75

TABLE 60 CANADA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 75	75
TABLE 61 CANADA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 76	76
TABLE 62 CANADA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 76	76
TABLE 63 CANADA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 77	77
TABLE 64 CANADA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 77	77
TABLE 65 EUROPE GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 (USD MILLION) 78	78
TABLE 66 EUROPE GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 ('000 TONS) 78	78
TABLE 67 EUROPE GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 79	79
TABLE 68 EUROPE GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 79	79
TABLE 69 EUROPE GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 80	80
TABLE 70 EUROPE GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 80	80
TABLE 71 EUROPE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 81	81
TABLE 72 EUROPE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 81	81
TABLE 73 SPAIN GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 82	82
TABLE 74 SPAIN GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 82	82
TABLE 75 SPAIN GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 83	83
TABLE 76 SPAIN GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 83	83
TABLE 77 SPAIN GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 84	84
TABLE 78 SPAIN GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 84	84
TABLE 79 ITALY GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 85	85
TABLE 80 ITALY GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 85	85
TABLE 81 ITALY GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 86	86
TABLE 82 ITALY GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 86	86
TABLE 83 ITALY GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 87	87
TABLE 84 ITALY GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 87	87
TABLE 85 FRANCE GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 88	88
TABLE 86 FRANCE GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 88	88
TABLE 87 FRANCE GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 89	89
TABLE 88 FRANCE GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 89	89
TABLE 89 FRANCE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 90	90
TABLE 90 FRANCE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 90	90
TABLE 91 RUSSIA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 91	91
TABLE 92 RUSSIA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 91	91
TABLE 93 RUSSIA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 92	92
TABLE 94 RUSSIA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 92	92
TABLE 95 RUSSIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 93	93
TABLE 96 RUSSIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 93	93
TABLE 97 GERMANY GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 94	94
TABLE 98 GERMANY GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 94	94
TABLE 99 GERMANY GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 95	95
TABLE 100 GERMANY GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 95	95
TABLE 101 GERMANY GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 96	96
TABLE 102 GERMANY GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 96	96
TABLE 103 UK GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 97	97
TABLE 104 UK GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 97	97
TABLE 105 UK GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 98	98
TABLE 106 UK GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 98	98
TABLE 107 UK GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 99	99
TABLE 108 UK GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 99	99
TABLE 109 POLAND GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 100	100
TABLE 110 POLAND GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 100	100
TABLE 111 POLAND GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 101	101
TABLE 112 POLAND GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 101	101
TABLE 113 POLAND GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 102	102
TABLE 114 POLAND GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 102	102
TABLE 115 REST OF EUROPE GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 103	103
TABLE 116 REST OF EUROPE GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 103	103
TABLE 117 REST OF EUROPE GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 104	104
TABLE 118 REST OF EUROPE GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 104	104
TABLE 119 REST OF EUROPE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 105	105
TABLE 120 REST OF EUROPE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 105	105
TABLE 121 ASIA PACIFIC GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 (USD MILLION) 106	106
TABLE 122 ASIA PACIFIC GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 ('000 TONS) 107	107
TABLE 123 ASIA PACIFIC GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 107	107
TABLE 124 ASIA PACIFIC GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 108	108
TABLE 125 ASIA PACIFIC GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 108	108
TABLE 126 ASIA PACIFIC GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 109	109
TABLE 127 ASIA PACIFIC GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 109	109
TABLE 128 ASIA PACIFIC GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 110	110
TABLE 129 CHINA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 110	110
TABLE 130 CHINA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 111	111
TABLE 131 CHINA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 111	111
TABLE 132 CHINA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 112	112
TABLE 133 CHINA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 112	112
TABLE 134 CHINA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 113	113
TABLE 135 JAPAN GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 113	113
TABLE 136 JAPAN GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 114	114
TABLE 137 JAPAN GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 114	114
TABLE 138 JAPAN GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 115	115
TABLE 139 JAPAN GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 115	115
TABLE 140 JAPAN GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 116	116
TABLE 141 SOUTH KOREA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 116	116
TABLE 142 SOUTH KOREA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 117	117
TABLE 143 SOUTH KOREA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION) 117	117
TABLE 144 SOUTH KOREA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS) 118	118
TABLE 145 SOUTH KOREA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION) 118	118
TABLE 146 SOUTH KOREA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS) 119	119
TABLE 147 AUSTRALIA & NEW ZEALAND GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION) 119	119
TABLE 148 AUSTRALIA & NEW ZEALAND GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS) 120	120
TABLE 149 AUSTRALIA & NEW ZEALAND GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD	

MILLION)	120
TABLE 150 AUSTRALIA & NEW ZEALAND GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	121
TABLE 151 AUSTRALIA & NEW ZEALAND GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	121
TABLE 152 AUSTRALIA & NEW ZEALAND GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	122
TABLE 153 MALAYSIA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	122
TABLE 154 MALAYSIA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	123
TABLE 155 MALAYSIA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	123
TABLE 156 MALAYSIA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	124
TABLE 157 MALAYSIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	124
TABLE 158 MALAYSIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	125
TABLE 159 THAILAND GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	125
TABLE 160 THAILAND GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	126
TABLE 161 THAILAND GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	126
TABLE 162 THAILAND GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	127
TABLE 163 THAILAND GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	127
TABLE 164 THAILAND GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	128
TABLE 165 INDONESIA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	128
TABLE 166 INDONESIA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	129
TABLE 167 INDONESIA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	129
TABLE 168 INDONESIA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	130
TABLE 169 INDONESIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	130
TABLE 170 INDONESIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	131
TABLE 171 INDIA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	131
TABLE 172 INDIA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	132
TABLE 173 INDIA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	132
TABLE 174 INDIA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	133
TABLE 175 INDIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	133
TABLE 176 INDIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	134
TABLE 177 REST OF ASIA PACIFIC GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	134
TABLE 178 REST OF ASIA PACIFIC GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	135
TABLE 179 REST OF ASIA PACIFIC GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	135
TABLE 180 REST OF ASIA PACIFIC GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	136
TABLE 181 REST OF ASIA PACIFIC GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	136
TABLE 182 REST OF ASIA PACIFIC GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	137
TABLE 183 LATIN AMERICA GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 (USD MILLION)	137
TABLE 184 LATIN AMERICA GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 ('000 TONS)	138
TABLE 185 LATIN AMERICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	138
TABLE 186 LATIN AMERICA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	139
TABLE 187 LATIN AMERICA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	139
TABLE 188 LATIN AMERICA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	140
TABLE 189 LATIN AMERICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	140
TABLE 190 LATIN AMERICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	141
TABLE 191 MEXICO GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	141
TABLE 192 MEXICO GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	142
TABLE 193 MEXICO GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	142
TABLE 194 MEXICO GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	143
TABLE 195 MEXICO GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	143
TABLE 196 MEXICO GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	144
TABLE 197 BRAZIL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	144
TABLE 198 BRAZIL GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	145
TABLE 199 BRAZIL GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	145
TABLE 200 BRAZIL GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	146
TABLE 201 BRAZIL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	146
TABLE 202 BRAZIL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	147
TABLE 203 ARGENTINA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	147
TABLE 204 ARGENTINA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	148
TABLE 205 ARGENTINA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	148
TABLE 206 ARGENTINA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	149
TABLE 207 ARGENTINA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	149
TABLE 208 ARGENTINA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	150
TABLE 209 REST OF LATIN AMERICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	150
TABLE 210 REST OF LATIN AMERICA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	151
TABLE 211 REST OF LATIN AMERICA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	151
TABLE 212 REST OF LATIN AMERICA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	152
TABLE 213 REST OF LATIN AMERICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	152
TABLE 214 REST OF LATIN AMERICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	153
TABLE 215 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 (USD MILLION)	153
TABLE 216 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY COUNTRY 2023-2032 ('000 TONS)	154
TABLE 217 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	154
TABLE 218 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET , BY RESIN TYPE 2023-2032 ('000 TONS)	155
TABLE 219 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	155
TABLE 220 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	156



TABLE 221 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	156
TABLE 222 MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	157
TABLE 223 TURKEY GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	157
TABLE 224 TURKEY GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	158
TABLE 225 TURKEY GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	158
TABLE 226 TURKEY GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	159
TABLE 227 TURKEY GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	159
TABLE 228 TURKEY GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	160
TABLE 229 EGYPT GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	160
TABLE 230 EGYPT GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	161
TABLE 231 EGYPT GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	161
TABLE 232 EGYPT GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	162
TABLE 233 EGYPT GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	162
TABLE 234 EGYPT GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	163
TABLE 235 ISRAEL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	163
TABLE 236 ISRAEL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	164
TABLE 237 ISRAEL GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	164
TABLE 238 ISRAEL GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	165
TABLE 239 ISRAEL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	165
TABLE 240 ISRAEL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	166
TABLE 241 SAUDI ARABIA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	166
TABLE 242 SAUDI ARABIA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	167
TABLE 243 SAUDI ARABIA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	167
TABLE 244 SAUDI ARABIA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	168
TABLE 245 SAUDI ARABIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	168
TABLE 246 SAUDI ARABIA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	169
TABLE 247 UAE GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	169
TABLE 248 UAE GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	170
TABLE 249 UAE GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	170
TABLE 250 UAE GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	171
TABLE 251 UAE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	171
TABLE 252 UAE GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	172
TABLE 253 REST OF MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	172
TABLE 254 REST OF MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	173
TABLE 255 REST OF MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	173
TABLE 256 REST OF MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET BY THICKNESS 2023-2032 ('000 TONS)	174
TABLE 257 REST OF MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	174
TABLE 258 REST OF MIDDLE EAST & AFRICA GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	175

#### 14 List Of Figures

FIGURE 1 GLOBAL GREENHOUSE FILMS MARKET: MARKET STRUCTURE	22
FIGURE 2 RESEARCH PROCESS OF MRFR	24
FIGURE 3 TOP-DOWN AND BOTTOM-UP APPROACH	27
FIGURE 4 MARKET DYNAMICS OVERVIEW	29
FIGURE 5 DRIVERS IMPACT ANALYSIS: GLOBAL GREENHOUSE FILMS MARKET	31
FIGURE 6 RESTRAINTS IMPACT ANALYSIS: GLOBAL GREENHOUSE FILMS MARKET	32
FIGURE 7 SUPPLY CHAIN: GREENHOUSE FILMS MARKET	35
FIGURE 8 PORTER'S FIVE FORCES ANALYSIS OF THE GLOBAL GREENHOUSE FILMS MARKET	36
FIGURE 9 GLOBAL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 (USD MILLION)	39
FIGURE 10 GLOBAL GREENHOUSE FILMS MARKET, BY RESIN TYPE 2023-2032 ('000 TONS)	40
FIGURE 11 GLOBAL GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 (USD MILLION)	50
FIGURE 12 GLOBAL GREENHOUSE FILMS MARKET, BY THICKNESS 2023-2032 ('000 TONS)	51
FIGURE 13 GLOBAL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 (USD MILLION)	56
FIGURE 14 GLOBAL GREENHOUSE FILMS MARKET, BY APPLICATION 2023-2032 ('000 TONS)	57
FIGURE 15 GLOBAL GREENHOUSE FILMS MARKET, BY REGION 2023-2032 (USD MILLION)	63
FIGURE 16 GLOBAL GREENHOUSE FILMS MARKET, BY REGION 2023-2032 ('000 TONS)	64