

Thermoplastic Elastomers Market by Type (SBC, TPU, TPO, TPV, COPE, PEBA), End-Use Industry (Automotive, Building & Construction, Footwear, Wire & Cable, Medical, Engineering), Region (North America, Europe, APAC, South America, MEA) Global Forecast to 2028

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Report description:

The global TPE market size was USD 26.9 billion in 2023 and is projected to reach USD 35.4 billion by 2028, at a CAGR of 5.6% between 2023 and 2028. TPEs are a unique class of materials that combine the flexibility and resilience of elastomers with the processability and recyclability of thermoplastics. These versatile materials have gained traction in automotive, consumer goods, medical devices, construction, and various other sectors due to their ability to provide a cost-effective, sustainable, and performance-driven alternative to traditional rubber and rigid plastics. In recent years, advancements in material science, evolving consumer preferences, and a growing emphasis on environmentally friendly solutions have all contributed to the thriving TPE market.

"Automotive: the fastest-growing end use industry of TPE."

Automotive is the largest application in the TPE market. The growth of the electric vehicle market has had a significant impact on TPE demand. EVs require lightweight materials to maximize battery efficiency and range. TPEs are used in EV battery seals, cable insulation, and gaskets. Moreover, EVs often have unique design considerations, such as thermal management and noise reduction, where TPEs can be advantageous. As automakers transition toward more sustainable practices and materials, TPEs are favored for their recyclability and reduced environmental impact. EV manufacturers, in particular, often prioritize sustainability, aligning with TPEs' eco-friendly characteristics.

"APAC is estimated to be the fastest-growing market for TPE."

APAC accounted for the largest share in terms of volume and value of the TPE market in 2022, followed by North America and

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Europe. TPEs are favored in the region for their cost-effective manufacturing processes. Methods like injection molding and extrusion are efficient and economical, aligning with the cost-conscious approach of many businesses in the APAC region. Moreover, ongoing infrastructure development, including construction, urbanization, and transportation projects, necessitates materials that offer durability, weather resistance, and ease of installation. TPEs are well-suited for applications like roofing materials, gaskets, and seals in the construction and infrastructure sectors

Extensive primary interviews were conducted to determine and verify the market size for several segments and sub segments and information gathered through secondary research.

The break-up of primary interviews is given below:

- By Company Type Tier 1 40%, Tier 2 20%, and Tier 3 40%
- -□By Designation C level 20%, Director level 20%, and Others* 60%
- -¬By Region North America- 40%, Europe 40%, APAC 15%, South America- 3%, and Middle East & Africa- 2%

Notes: Others include sales, marketing, and product managers.

Tier 1: >USD 1 Billion; Tier 2: USD 500 million-1 Billion; and Tier 3: <USD 500 million

The companies profiled in this market research report include are Arkema S.A (France), Asahi Kasei Corporation (Japan), BASF SE (Germany), The Dow Chemical Company (The U.S), Covestro AG (Germany), Huntsman Corporation (The U.S), Teknor Apex Company (The U.S), Lubrizol Corporation (The U.S), Tosh Corporation (Japan), Kraton Corporation (The U.S), China Petroleum and Chemical Corporation (China), Mitsubishi Chemical Company (Japan), DuPont (The U.S), SIBUR (Russia), Evonik Industries AG (Germany), Dynasol Elastomers (Spain).

Research Coverage:

This research report categorizes the TPE market on the basis of type, end use industry and region. The report includes detailed information regarding the major factors influencing the growth of the TPE market, such as drivers, restraints, challenges, and opportunities. A detailed analysis of the key industry players has been done to provide insights into business overviews, products & services, key strategies, expansions, new product developments, agreements, and recent developments associated with the market.

Research Coverage

The market study covers the pet food packaging market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on type, end use industry and region. The study also includes an in-depth competitive analysis of key players in the market, along with their company profiles, key observations related to their products and business offerings, recent developments undertaken by them, and key growth strategies adopted by them to enhance their position in the TPE market.

Key Benefits of Buying the Report

The report is projected to help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers of the overall pet food packaging market and its segments and sub-segments. This report is projected to help stakeholders understand the competitive landscape of the market and gain insights to improve the position of their businesses and plan suitable go-to-market strategies. The report also aims at helping stakeholders understand the pulse of the market and provides them with information on the key market drivers, challenges, and opportunities.

Table of Contents:

Scotts International, EU Vat number: PL 6772247784

FIGURE 1 THERMOPLASTIC ELASTOMERS: MARKET SEGMENTATION 31

- 1.3.1 REGIONS COVERED 31
- 1.3.2 YEARS CONSIDERED 32
- 1.4 CURRENCY CONSIDERED 32
- 1.5 UNITS CONSIDERED 32
- 1.6 LIMITATIONS 33
- 1.7 STAKEHOLDERS 33
- 1.8 SUMMARY OF CHANGES 33
- 2 RESEARCH METHODOLOGY 34
- 2.1 RESEARCH DATA 34

FIGURE 2 THERMOPLASTIC ELASTOMERS MARKET: RESEARCH DESIGN 34

- 2.1.1 SECONDARY DATA 35
- 2.1.1.1 | Key data from secondary sources | 35
- 2.1.2 PRIMARY DATA 35
- 2.1.2.1 Key data from primary sources 36
- 2.1.2.2 Breakdown of primary interviews 36
- 2.1.2.3 Key primary participants 37
- 2.2 BASE NUMBER CALCULATION 37
- 2.2.1 SUPPLY-SIDE APPROACH 38
- 2.3 MARKET SIZE ESTIMATION □38
- 2.3.1 | BOTTOM-UP APPROACH | 39
- 2.3.2 TOP-DOWN APPROACH 39
- 2.4 □ DATA TRIANGULATION □ 40

FIGURE 3 THERMOPLASTIC ELASTOMERS MARKET: DATA TRIANGULATION 40

- 2.5 RESEARCH ASSUMPTIONS 41
- 2.6 RECESSION IMPACT 41

?

3∏EXECUTIVE SUMMARY∏42

FIGURE 4 THERMOPLASTIC POLYOLEFIN TO BE LARGEST TYPE DURING FORECAST PERIOD 42

FIGURE 5∏FOOTWEAR TO BE FASTEST-GROWING END-USE INDUSTRY DURING FORECAST PERIOD∏43

FIGURE 6[] ASIA PACIFIC TO BE FASTEST-GROWING REGION DURING FORECAST PERIOD[] 44

4∏PREMIUM INSIGHTS∏45

4.1 TATTRACTIVE OPPORTUNITIES FOR PLAYERS IN THERMOPLASTIC ELASTOMERS MARKET 145

FIGURE 7 INCREASED AWARENESS REGARDING SUSTAINABILITY TO BE MAJOR DRIVER OF MARKET 45

4.2∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE AND COUNTRY∏46

FIGURE 8 STYRENIC BLOCK COPOLYMERS AND CHINA WERE MAJOR STAKEHOLDERS IN ASIA PACIFIC 146

4.3 THERMOPLASTIC ELASTOMERS MARKET, BY TYPE 46

FIGURE 9∏STYRENIC BLOCK COPOLYMERS TO BE LARGEST SEGMENT, BY VOLUME, DURING FORECAST PERIOD∏46

4.4 THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY 47

FIGURE 10 AUTOMOTIVE TO BE LARGEST END-USE INDUSTRY, BY VOLUME, DURING FORECAST PERIOD 47

4.5 THERMOPLASTIC ELASTOMERS MARKET, BY REGION 147

FIGURE 11 INDIA TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD 47

5□MARKET OVERVIEW□48

- 5.1□INTRODUCTION□48
- 5.2 MARKET DYNAMICS 48

FIGURE 12 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THERMOPLASTIC ELASTOMERS MARKET 48 5.2.1 DRIVERS 49

Scotts International, EU Vat number: PL 6772247784

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5.2.1.1 Recovery of automotive industry and high demand for electric vehicles 49

TABLE 2 GLOBAL AUTOMOTIVE VEHICLE PRODUCTION (MILLION UNITS), BY REGION, 2019-2021 49

FIGURE 13 GLOBAL ELECTRIC VEHICLE SALES (MILLION UNITS), 2018-2021 50

5.2.1.2 Stringent emission regulations and standards in developed countries □50

5.2.1.3 Increasing demand for medical elastomers 51

5.2.2 RESTRAINTS □ 51

5.2.2.1 ☐ Higher cost of thermoplastic elastomers and increasing raw material prices ☐ 51

FIGURE 14 CRUDE OIL PRICES, JANUARY 2019-JUNE 2022 (USD/BARREL) 52

5.2.3 □ OPPORTUNITIES □ 52

5.2.3.1∏Emerging markets for biobased thermoplastic elastomers∏52

5.2.4 CHALLENGES ☐ 53

5.2.4.1 Intra-thermoplastic elastomer component replacement 53

?

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 5.3

FIGURE 15 TRENDS/ DISRUPTIONS IMPACTING CUSTOMER BUSINESS 54

5.4 VALUE/SUPPLY CHAIN ANALYSIS 54

FIGURE 16 VALUE/SUPPLY CHAIN ANALYSIS 55

5.5□ECOSYSTEM MAP□56

FIGURE 17 KEY PLAYERS IN THERMOPLASTIC ELASTOMERS MARKET ECOSYSTEM 56

TABLE 3 THERMOPLASTIC ELASTOMERS MARKET: ECOSYSTEM MAP 57

5.6 TECHNOLOGY ANALYSIS 57

5.6.1□EXTRUSION□57

5.6.2∏INJECTION MOLDING∏58

5.6.3 OVERMOLDING 58

5.6.4 B PRINTING WITH THERMOPLASTIC ELASTOMERS 59

5.7 PATENT ANALYSIS 59

FIGURE 18∏NUMBER OF PATENTS GRANTED FOR THERMOPLASTIC ELASTOMERS MARKET, 2013-2022∏60

FIGURE 19∏REGIONAL ANALYSIS OF PATENTS GRANTED FOR THERMOPLASTIC ELASTOMERS MARKET, 2013-2022∏60

TABLE 4 LIST OF FEW PATENTS IN THE THERMOPLASTIC ELASTOMERS MARKET, 2021-2022 61

5.8∏TRADE DATA∏63

5.8.1 EXPORT SCENARIO 63

5.8.1.1 Export Scenario for HS Code: 400219 63

TABLE 5 TEXPORT SCENARIO FOR HS CODE: 400219, BY COUNTRY, 2020-2022 (USD MILLION) T63

5.8.1.2 Export Scenario for HS Code: 390950 64

TABLE 6∏EXPORT SCENARIO FOR HS CODE: 390950, BY COUNTRY, 2020-2022 (USD MILLION)∏64

5.8.1.3 Export Scenario for HS Code: 390290 65

TABLE 7 EXPORT SCENARIO FOR HS CODE: 390290, BY COUNTRY, 2020-2022 (USD MILLION) 65

5.8.1.4 Export Scenario for HS Code: 400299 66

TABLE 8 EXPORT SCENARIO FOR HS CODE: 400299, BY COUNTRY, 2020-2022 (USD MILLION) 66

5.8.1.5 Export Scenario for HS Code: 390720 67

TABLE 9[EXPORT SCENARIO FOR HS CODE: 390720, BY COUNTRY, 2019-2021 (USD MILLION)[67

5.8.2 IMPORT SCENARIO 68

5.8.2.1 Import Scenario for HS Code: 400219 68

TABLE 10∏IMPORT SCENARIO FOR HS CODE: 400219, BY COUNTRY, 2020-2022 (USD MILLION)∏68

5.8.2.2 Import Scenario for HS Code: 390950 69

TABLE 11 IMPORT SCENARIO FOR HS CODE: 390950, BY COUNTRY, 2020-2022 (USD MILLION) 69

5.8.2.3 Import Scenario for HS Code: 390290 70

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TABLE 12 IMPORT SCENARIO FOR HS CODE: 390290, BY COUNTRY, 2020-2022 (USD MILLION) 70

5.8.2.4 Import Scenario for HS Code: 400299 71

TABLE 13 IMPORT SCENARIO FOR HS CODE: 400299, BY COUNTRY, 2020-2022 (USD MILLION) IT 1

5.8.2.5 Import Scenario for HS Code: 390720 72

TABLE 14 | IMPORT SCENARIO FOR HS CODE: 390720, BY COUNTRY, 2020-2022 (USD MILLION) | 72

5.9 KEY CONFERENCES AND EVENTS IN 2023-2024 73

TABLE 15 KEY CONFERENCES AND EVENTS IN 2023-2024 73

5.10 TARIFF AND REGULATORY LANDSCAPE 74

5.10.1 TARIFFS RELATED TO THERMOPLASTIC ELASTOMERS MARKET 74

TABLE 16∏AVERAGE TARIFF RATES BY COUNTRY∏74

5.10.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 75

TABLE 17∏NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS∏75

TABLE 18∏EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS∏76

TABLE 19 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 176

5.11 PORTER'S FIVE FORCES ANALYSIS 77

FIGURE 20 THERMOPLASTIC ELASTOMERS MARKET: PORTER'S FIVE FORCES ANALYSIS 77

TABLE 20 IMPACT OF PORTER'S FIVE FORCES ON THERMOPLASTIC ELASTOMERS MARKET 177

5.11.1 THREAT OF NEW ENTRANTS 78

5.11.2 THREAT OF SUBSTITUTES 78

5.11.3 BARGAINING POWER OF SUPPLIERS 79

5.11.4 BARGAINING POWER OF BUYERS 79

5.11.5 INTENSITY OF COMPETITIVE RIVALRY 79

5.12 KEY STAKEHOLDERS AND BUYING CRITERIA 80

5.12.1 KEY STAKEHOLDERS IN BUYING PROCESS 80

FIGURE 21∏INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP-END-USE INDUSTRIES∏80

TABLE 21 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP-END-USE INDUSTRIES 180

5.12.2 □ BUYING CRITERIA □ 81

FIGURE 22 KEY BUYING CRITERIA FOR TOP END-USE INDUSTRIES 81

TABLE 22 KEY BUYING CRITERIA FOR TOP END-USE INDUSTRIES 81

5.13 Recession impact: realistic, optimistic, and pessimistic scenarios 282

5.14 CASE STUDY ANALYSIS 82

5.14.1∏ENHANCING PERFORMANCE AND PROFITABILITY THROUGH THERMOPLASTIC ELASTOMER MATERIAL SELECTION∏82

5.14.1.1 □ Challenge □ 82

5.14.1.2 Solution 83

5.14.1.3 Results 83

5.14.2 ENHANCING EFFICIENCY AND RELIABILITY IN THERMOPLASTIC ELASTOMER PRODUCTION 183

5.14.2.1 Challenge 83

5.14.2.2 Solution 83

5.14.2.3 Results 83

5.14.3 TRANSFORMING FOOTWEAR INDUSTRY WITH COST-EFFICIENCY AND SUSTAINABILITY 84

5.14.3.1 Challenge 84

5.14.3.2 Solution 84

5.14.3.3 | Results | 84

5.15 MACROECONOMIC INDICATORS 84

5.15.1 GLOBAL GDP OUTLOOK 84

TABLE 23 GLOBAL GDP GROWTH PROJECTION, BY REGION, 2021-2028 (USD TRILLION) 85

5.16 PRICING ANALYSIS 85

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5.16.1 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY APPLICATION 85

FIGURE 23 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY TOP-THREE APPLICATIONS 86

TABLE 24∏AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY TOP-THREE APPLICATIONS (USD/KILOTON)∏86

5.16.2∏AVERAGE SELLING PRICE TREND, BY REGION∏86

FIGURE 24 AVERAGE SELLING PRICE TREND, BY REGION (USD/KILOTON) 87

TABLE 25 AVERAGE SELLING PRICE OF THERMOPLASTIC ELASTOMERS, BY REGION, 2021-2028 (USD/KILOTON) 87

5.16.3 FACTORS AFFECTING PRICES 87

6 THERMOPLASTIC ELASTOMERS MARKET, BY TYPE 88

6.1∏INTRODUCTION∏89

FIGURE 25 THERMOPLASTIC POLYOLEFIN TO REMAIN LARGEST MARKET SEGMENT 89

TABLE 26∏COMPARISON OF PROPERTIES OF DIFFERENT TYPES OF THERMOPLASTIC ELASTOMERS∏89

TABLE 27 THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 790

TABLE 28∏THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏90

TABLE 29∏THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏90

TABLE 30∏THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏91

6.2 STYRENIC BLOCK COPOLYMER 91

6.2.1∏INCREASED USE OF STYRENIC BLOCK COPOLYMERS IN INDUSTRIAL APPLICATIONS TO BOOST DEMAND∏91

6.3 THERMOPLASTIC POLYURETHANE 92

6.3.1 INCREASING ADOPTION OF THERMOPLASTIC POLYURETHANE IN FOOTWEAR INDUSTRY TO DRIVE MARKET 92

6.4∏THERMOPLASTIC POLYOLEFIN∏92

6.4.1 CONSOLIDATED MARKET TO IMPACT BARGAINING POWER OF BUYERS 92

FIGURE 26 COMPOSITION OF THERMOPLASTIC POLYOLEFIN, BY PRODUCT TYPE 93

6.5∏THERMOPLASTIC VULCANIZATE∏93

6.5.1∏INCREASING TRACTION OF THERMOPLASTIC VULCANIZATES IN AUTOMOTIVE INDUSTRY TO DRIVE MARKET∏93

6.6 POLYETHER BLOCK AMIDE ELASTOMER 94

6.6.1∏HIGH-PERFORMANCE CHARACTERISTICS TO INCREASE SUITABILITY IN INDUSTRIAL APPLICATIONS∏94

6.7□COPOLYESTER ETHER ELASTOMER□94

6.7.1∏INCREASING DEMAND IN AUTOMOTIVE INDUSTRY TO BOOST DEMAND∏94

7 THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY 95

7.1∏INTRODUCTION∏96

FIGURE 27 AUTOMOTIVE INDUSTRY TO HAVE LARGEST MARKET SHARE 96

TABLE 31 THERMOPLASTIC ELASTOMERS: APPLICATIONS IN END-USE INDUSTRIES □97

TABLE 32 THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 97

TABLE 33 THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 98

TABLE 34 \square THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) \square 98

TABLE 35 THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) 99

7.2 AUTOMOTIVE 99

7.2.1∏GROWTH IN ELECTRIC VEHICLE PRODUCTION TO DRIVE DEMAND FOR THERMOPLASTIC ELASTOMERS∏99

FIGURE 28 SALE OF ELECTRIC VEHICLES, BY REGION/COUNTRY, 2018-2022 100

FIGURE 29 GLOBAL VEHICLE PRODUCTION DATA, 2018-2022 100

7.3□BUILDING & CONSTRUCTION□101

7.3.1 EXPECTED ECONOMIC RECOVERY AND GOVERNMENT ECONOMIC PACKAGES TO DRIVE MARKET 101

7.4∏FOOTWEAR∏101

7.4.1 □ ADVANCED PROPERTIES OF THERMOPLASTIC ELASTOMERS TO BOOST MARKET □ 101

FIGURE 30 GLOBAL FOOTWEAR PRODUCTION SHARE IN 2022, BY REGION 102

7.5 WIRES & CABLES 102

7.5.1 INCREASING APPLICATIONS IN WIRES & CABLES TO DRIVE MARKET 102

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FIGURE 31[5G CONNECTIONS IN 2030, BY REGION[103
7.6 MEDICAL 103
7.6.1 COMPATIBILITY OF THERMOPLASTIC ELASTOMERS WITH MEDICAL DEVICES TO DRIVE MARKET 103
7.7□ENGINEERING□104
7.7.1 GROWTH OF MANUFACTURING SECTOR TO DRIVE SEGMENT 104
7.8 □ OTHERS □ 104
8 THERMOPLASTIC ELASTOMERS MARKET, BY REGION 105
8.1∏INTRODUCTION∏106
FIGURE 32 RAPIDLY GROWING MARKETS EMERGING AS NEW HOTSPOTS 106
TABLE 36∏THERMOPLASTIC ELASTOMERS MARKET, BY REGION, 2018-2021 (USD MILLION)∏106
TABLE 37∏THERMOPLASTIC ELASTOMERS MARKET, BY REGION, 2022-2028 (USD MILLION)∏107
TABLE 38∏THERMOPLASTIC ELASTOMERS MARKET, BY REGION, 2018-2021 (KILOTON)∏107
TABLE 39∏THERMOPLASTIC ELASTOMERS MARKET, BY REGION, 2022-2028 (KILOTON)∏107
8.2 NORTH AMERICA 108
8.2.1 NORTH AMERICA: RECESSION IMPACT 108
FIGURE 33∏NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET SNAPSHOT∏109
TABLE 40 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 109
TABLE 41 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (USD MILLION) 110
TABLE 42 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (KILOTON) 110
TABLE 43∏NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (KILOTON)∏110
TABLE 44 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 111
TABLE 45 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) 111
TABLE 46∏NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏111
TABLE 47 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) 112
TABLE 48 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 112
TABLE 49 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 113
TABLE 50∏NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏113
TABLE 51 NORTH AMERICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) 114
8.2.2 US 114
8.2.2.1∏Electric mobility to directly impact use of thermoplastic elastomers in vehicle production∏114
FIGURE 34∏US: AUTOMOTIVE PRODUCTION, 2018-2023∏115
TABLE 52∏US: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏115
TABLE 53∏US: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏116
TABLE 54∏US: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏116
TABLE 55∏US: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏116
```

TABLE 56∏US: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏117

TABLE 57□US: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)□117

TABLE 58 US: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) 118

TABLE 59 \square US: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) \square 118

8.2.3 CANADA 119

8.2.3.1 Growing construction industry to boost market 119

TABLE 60 CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 119

TABLE 61∏CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏119

TABLE 62∏CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏120

TABLE 63∏CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏120

TABLE 64 \square CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) \square 120

TABLE 65[CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)[121]

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TABLE 66 CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) 121
TABLE 67 CANADA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) 122
8.2.4 | MEXICO | 122
8.2.4.1 Investments and expansions in automotive industry to drive market 122
TABLE 68∏MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏123
TABLE 69[MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)[]123
TABLE 70∏MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏123
TABLE 71☐MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)☐124
TABLE 72 MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 124
TABLE 73∏MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏125
TABLE 74∏MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏125
TABLE 75∏MEXICO: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏126
?
8.3∏ASIA PACIFIC∏126
8.3.1 ASIA PACIFIC: RECESSION IMPACT 126
FIGURE 35 ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET SNAPSHOT 127
TABLE 76∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (USD MILLION)∏128
TABLE 77∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (USD MILLION)∏128
TABLE 78[ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (KILOTON)[129
TABLE 79∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (KILOTON)∏129
TABLE 80 ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 129
TABLE 81 ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) 130
TABLE 82∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏130
TABLE 83∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏130
TABLE 84∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏131
TABLE 85∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏131
TABLE 86∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏132
TABLE 87∏ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏132
8.3.2 CHINA 133
8.3.2.1 Growth of automotive industry to drive market 133
TABLE 88 CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 133
TABLE 89∏CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏134
TABLE 90∏CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏134
TABLE 91∏CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏134
TABLE 92∏CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏135
TABLE 93∏CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏135
TABLE 94\(\text{TCHINA}\): THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)\(\text{\pi}\)136
TABLE 95∏CHINA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏136
8.3.3∏APAN∏137
8.3.3.1 ☐ Adherence to emission standards to drive market ☐ 137
TABLE 96 APAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 137
TABLE 97 JAPAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) 138
TABLE 98∏APAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏138
TABLE 99∏APAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏138
TABLE 100∏APAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏139
TABLE 101∏APAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏139
TABLE 102∏APAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏140
```

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```
TABLE 103∏APAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏140
8.3.4 SOUTH KOREA 140
8.3.4.1 ☐ Ambitious plans for expansion of electric vehicles to propel market ☐ 140
TABLE 104∏SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏141
TABLE 105∏SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏141
TABLE 106∏SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏142
TABLE 107∏SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏142
TABLE 108 SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 142
TABLE 109 SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 143
TABLE 110∏SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏143
TABLE 111∏SOUTH KOREA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏144
8.3.5∏INDIA∏144
8.3.5.1 | FDI initiatives to drive market | 144
TABLE 112∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏145
TABLE 113∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏145
TABLE 114∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏145
TABLE 115∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏146
TABLE 116∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏146
TABLE 117 INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 147
TABLE 118∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏147
TABLE 119∏INDIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏148
8.3.6 | INDONESIA | 148
8.3.6.1 Growth of medical device industry to drive market 148
TABLE 120∏INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏149
TABLE 121∏INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏149
TABLE 122∏INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏149
TABLE 123∏INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏150
TABLE 124□INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)□150
TABLE 125□INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)□151
TABLE 126∏INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏151
TABLE 127∏INDONESIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏152
8.3.7 | TAIWAN | 152
8.3.7.1 Focus on digital transformation to drive market 152
TABLE 128 TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) ☐ 153
TABLE 129∏TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏153
TABLE 130 TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) 153
TABLE 131 TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) □154
TABLE 132 TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) □154
TABLE 133∏TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏155
TABLE 134∏TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏155
TABLE 135 TAIWAN: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) ☐ 156
8.3.8 REST OF ASIA PACIFIC 156
TABLE 136 ⊓REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) □156
TABLE 137 | REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) □157
TABLE 138 (REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) 157
TABLE 139∏REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏157
TABLE 140 ⊓REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) □158
```

```
TABLE 141 REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 158
TABLE 142 REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) 159
TABLE 143 (REST OF ASIA PACIFIC: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) 159
8.4□EUROPE□160
8.4.1 EUROPE: RECESSION IMPACT 160
TABLE 144∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (USD MILLION)□161
TABLE 145∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (USD MILLION)∏161
TABLE 146 EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (KILOTON) 162
TABLE 147□EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (KILOTON)□162
TABLE 148∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏162
TABLE 149∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏163
TABLE 150 TEUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) T163
TABLE 151⊓EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)⊓163
TABLE 152∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏164
TABLE 153∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏164
TABLE 154⊓EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)⊓165
TABLE 155∏EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏165
8.4.2 GERMANY 166
8.4.2.1 Investments in electric mobility to boost market 166
TABLE 156∏GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏166
TABLE 157 GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) 167
TABLE 158 GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) 167
TABLE 159∏GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏167
TABLE 160∏GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏168
TABLE 161∏GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏168
TABLE 162∏GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏169
TABLE 163∏GERMANY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏169
8.4.3∏UK∏169
8.4.3.1 Increasing use of electric vehicles to drive market 169
FIGURE 36 | VEHICLE REGISTRATION DATA, BY FUEL TYPE, JANUARY 2022 VS. JANUARY 2023 | 170
TABLE 164∏UK: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏170
TABLE 165⊓UK: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏171
TABLE 166⊓UK: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏171
TABLE 167∏UK: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏171
TABLE 168∏UK: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏172
TABLE 169∏UK: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏172
TABLE 170 TUK: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) T173
TABLE 171 TUK: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) T173
8.4.4 ☐ FRANCE ☐ 173
8.4.4.1 ∏Ambitious initiatives in electric vehicle and sustainable transportation industries to drive demand ☐173
TABLE 172 FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 174
TABLE 173 FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) 174
TABLE 174∏FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏175
TABLE 175 | FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) | 175
TABLE 176∏FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏175
```

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TABLE 177□FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)□176 TABLE 178□FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)□176

```
TABLE 179∏FRANCE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏177
8.4.5 RUSSIA 177
8.4.5.1 Resurgence in construction industry to drive market 177
TABLE 180 (TRUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 178
TABLE 181∏RUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏178
TABLE 182∏RUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏178
TABLE 183 TRUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) T179
TABLE 184 TRUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 179
TABLE 185 RUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 180
TABLE 186∏RUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏180
TABLE 187∏RUSSIA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏181
8.4.6∏ITALY∏181
8.4.6.1 Growth of advanced manufacturing technologies to boost market 181
TABLE 188∏ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏182
TABLE 189∏ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏182
TABLE 190∏ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏182
TABLE 191∏ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏183
TABLE 192∏ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏183
TABLE 193 TALY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 184
TABLE 194⊓ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏184
TABLE 195⊓ITALY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏185
8.4.7 | TURKEY | 185
8.4.7.1 Growing footwear industry to boost market 185
TABLE 196∏TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏185
TABLE 197∏TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏186
TABLE 198 TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) 186
TABLE 199 TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) 186
TABLE 200∏TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏187
TABLE 201 TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 187
TABLE 202∏TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏188
TABLE 203∏TURKEY: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏188
8.4.8 REST OF EUROPE 189
TABLE 204∏REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏189
TABLE 205 ⊓REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) ⊓189
TABLE 206 ⊓REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) □ 190
TABLE 207∏REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏190
TABLE 208⊓REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏190
TABLE 209∏REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION)∏191
TABLE 210 | REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) | 191
TABLE 211 ⊓REST OF EUROPE: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) ⊓192
8.5 | MIDDLE EAST & AFRICA | 192
8.5.1 MIDDLE EAST & AFRICA: RECESSION IMPACT 192
TABLE 212∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (USD MILLION)∏193
TABLE 213∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (USD MILLION)∏193
TABLE 214∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2018-2021 (KILOTON)∏193
TABLE 215∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY COUNTRY, 2022-2028 (KILOTON)∏194
TABLE 216∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏194
```

```
TABLE 217 MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) 194
TABLE 218☐MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)☐195
TABLE 219∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏195
TABLE 220 MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 195
TABLE 221 MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 196
TABLE 222∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏196
TABLE 223∏MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏197
8.5.2 GULF COOPERATION COUNCIL COUNTRIES 197
8.5.2.1 Investments in building & construction industry to propel demand 197
```

TABLE 224∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION)∏198 TABLE 225∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)∏198 TABLE 226∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON)∏198 TABLE 227∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON)∏199

TABLE 228∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION)∏199 TABLE 229 GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 200 TABLE 230∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏200 TABLE 231∏GCC COUNTRIES: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏201 8.5.3 SOUTH AFRICA 201

8.5.3.1 Growing end-use industries to support market growth 201

TABLE 232 SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 202 TABLE 233[SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION)[202 TABLE 234 SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) 202 TABLE 235 SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) 203 TABLE 236 SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) 203 TABLE 237 SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) 204 TABLE 238∏SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON)∏204 TABLE 239∏SOUTH AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON)∏205 8.5.4 REST OF MIDDLE EAST & AFRICA 205

TABLE 240 REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (USD MILLION) 205 TABLE 241 ⊓REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (USD MILLION) □ 206 TABLE 242 ⊓REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2018-2021 (KILOTON) □ 206 TABLE 243 ⊓REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY TYPE, 2022-2028 (KILOTON) □ 206 TABLE 244∏REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (USD MILLION) □207

TABLE 245∏REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (USD MILLION) □207

TABLE 246⊓REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2018-2021 (KILOTON) □208

TABLE 247 REST OF MIDDLE EAST & AFRICA: THERMOPLASTIC ELASTOMERS MARKET, BY END-USE INDUSTRY, 2022-2028 (KILOTON) □208



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