Thermally Conductive Plastics Market by Type (Polyamide, PBT, Polycarbonate, PPS, PEI, Polysulfones), End-use (Electrical & Electronics, Automotive, Industrial, Aerospace, Healthcare, Telecommunications) and Region - Global Forecast to 2027

Market Report | 2022-07-29 | 264 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User $4950.00
- Multi User $6650.00
- Corporate License $8150.00
- Enterprise Site License $10000.00

Report description:

The global thermally conductive plastics market size is projected to grow from USD 121 million in 2021 to reach USD 298 million by 2027, at a CAGR of 16.2% between 2022 and 2027. Rising demand for heat dissipation materials in LED lightings, increasing adoption of electric vehicles, and miniaturization of electronic components are key factors for the growth of thermally conductive plastics market. Deployment of telecommunication infrastructure and 5G communication devices will provide significant growth opportunities to thermally conductive plastics manufacturers. However, availability of conventional materials and low thermal conductivity of plastics is expected to limit the growth of the market.

In terms of value, PEI is the third fastest-growing type in the thermally conductive plastics, during the forecast period.
PEI, along with thermally conductive fillers, is a cost-effective solution due to lesser manufacturing steps and joints. Due to its creep resistance, low smoke emission, and flame resistance, the demand for PEI as a thermally conductive plastic has increased significantly. PEI has applications in jet engine components, medical devices, and electrical & electronics insulators owing to its extremely low smoke generation.

In terms of value, healthcare is estimated to be second fastest-growing segment in thermally conductive plastics market, by end-use industry, during the forecast period.
The developments in the surgical robot industry for critical surgeries such as neurosurgery and spinal surgery are expected to increase the demand for thermally conductive plastics in medical equipment. Thermally conductive plastics offer various advantages over conventional materials, such as electrostatic discharge (ESD) and radio frequency interference (RFI) shielding, which protect against electronic malfunction due to electromagnetic waves. The housing of critical components in medical

equipment and heat sinks are a few applications of thermally conductive plastics in the healthcare industry.

Europe region accounted for the third-largest share in the thermally conductive plastics market by value.
The presence of diversified end-use industries, manufacturers, compounders, distributors, and technical service providers for polymer testing and analysis present growth opportunities for the market. Europe is considered an automotive hub, owing to the presence of established automobile manufacturers, such as Volkswagen, BMW, and Daimler. Development in material science, innovation, and high investment in R&D for automotive, industrial automation, energy, electronic lighting, and medical devices will drive the European market for thermally conductive plastics. Base polymers, including PBT, PA, PPS, and PC are the most common types of thermally conductive plastics used in Europe. Some of the European manufacturers in the thermally conductive plastics market are BASF, DSM, Covestro AG, Ensinger, LANXESS, Lehmann&Voss&Co., LATI Industria Termoplastici S.p.A., and WITCOM Engineering Plastics BV.
Breakdown of primaries
In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the thermally conductive plastics market, and information was gathered from secondary research to determine and verify the market size of several segments. The break-up of the primaries is as follows:
-□By Company Type: Tier 1 - 40%, Tier 2 - 30%, and Tier 3 - 30%
-□By Designation: C Level Executives- 20%, Directors - 10%, and Others - 70%
-□By Region: APAC - 30%, Europe - 30%, North America - 20%, the Middle East & Africa - 10%, and South America- 10%

Major players operating in the global thermally conductive plastics market includes Celanese Corporation (US), DSM (The Netherlands), SABIC (Saudi Arabia), BASF (Germany), DuPont (US), LANXESS (Germany), Mitsubishi Engineering-Plastics Corporation (Japan), Ensinger (Germany), TORAY INDUSTRIES, INC.(Japan), and KANEKA CORPORATION (Japan).

Research Coverage:
This report provides detailed segmentation of the thermally conductive plastics market based on by type, by end-use industry, and region. Based on type, the market has been segmented into polyamide, PC, PPS, PBT, PEI, and polysulfones. Based on end-use industry, the market has been segmented into electrical & electronics, automotive, telecommunications, industrial, healthcare, and aerospace.

Key Benefits of Buying the Report:
From an insight perspective, this research report focuses on various levels of analyses - industry analysis (industry trends), market ranking of top players, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the thermally conductive plastics market; high growth regions; and market drivers, restraints, opportunities, and challenges.

Table of Contents:

1□INTRODUCTION□37
1.1□STUDY OBJECTIVES□37
1.2□MARKET DEFINITION□37
1.3□INCLUSIONS AND EXCLUSIONS□38
1.3.1□INCLUSIONS AND EXCLUSIONS□38
1.4□MARKET SCOPE□38
FIGURE 1□THERMALLY CONDUCTIVE PLASTICS MARKET SEGMENTATION□38
1.4.1□YEARS CONSIDERED□39
1.4.2□REGIONAL SCOPE□39
1.5□CURRENCY CONSIDERED□40

1.6 UNIT CONSIDERED 40
1.7 STAKEHOLDERS 40
1.8 SUMMARY OF CHANGES 40
2 RESEARCH METHODOLOGY 42
2.1 RESEARCH DATA 42
FIGURE 2 THERMALLY CONDUCTIVE PLASTICS MARKET: RESEARCH DESIGN 42
2.1.1 SECONDARY DATA 43
2.1.1.1 List of major secondary sources 43
2.1.1.2 Key data from secondary sources 44
2.1.2 PRIMARY DATA 44
2.1.2.1 Key data from primary sources 45
2.1.3 PRIMARY INTERVIEWS 45
2.1.3.1 Primary interviews - demand and supply sides 45
2.1.3.2 Key industry insights 46
2.1.3.3 Breakdown of primary interviews 46
2.2 MARKET SIZE ESTIMATION 47
FIGURE 3 MARKET SIZE ESTIMATION APPROACH 47
2.2.1 TOP-DOWN APPROACH 48
2.2.1.1 Approach for arriving at market size using top-down approach 48
FIGURE 4 TOP-DOWN APPROACH 48
2.2.2 BOTTOM-UP APPROACH 49
2.2.2.1 Approach for arriving at market size using bottom-up approach 49
FIGURE 5 BOTTOM-UP APPROACH 50
2.3 DATA TRIANGULATION 51
FIGURE 6 DATA TRIANGULATION 51
2.4 FACTOR ANALYSIS 52
2.5 ASSUMPTIONS 52
2.6 LIMITATIONS & RISKS 53
3 EXECUTIVE SUMMARY 54
FIGURE 7 POLYAMIDE SEGMENT TO LEAD MARKET DURING FORECAST PERIOD 55
FIGURE 8 ELECTRICAL & ELECTRONICS END-USE INDUSTRY TO LEAD MARKET DURING FORECAST PERIOD 55
FIGURE 9 NORTH AMERICA ACCOUNTED FOR LARGEST MARKET SHARE MARKET IN 2021 56
4 PREMIUM INSIGHTS 57
4.1 EMERGING ECONOMIES TO WITNESS HIGH GROWTH IN THERMALLY CONDUCTIVE PLASTICS MARKET 57
FIGURE 10 ASIA PACIFIC TO OFFER ATTRACTIVE OPPORTUNITIES DURING FORECAST PERIOD 57
4.2 THERMALLY CONDUCTIVE PLASTICS MARKET, BY TYPE 57
FIGURE 11 POLYAMIDE SEGMENT TO LEAD MARKET DURING FORECAST PERIOD 57
4.3 THERMALLY CONDUCTIVE PLASTICS MARKET, BY END-USE INDUSTRY 58
FIGURE 12 ELECTRICAL & ELECTRONICS INDUSTRY TO LEAD MARKET BY 2027 58
4.4 GLOBAL THERMALLY CONDUCTIVE PLASTICS MARKET, BY COUNTRY 58
FIGURE 13 MARKET IN INDIA TO GROW AT HIGHEST CAGR 58
5 MARKET OVERVIEW 59
5.1 INTRODUCTION 59
5.2 MARKET DYNAMICS 59
FIGURE 14 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THERMALLY CONDUCTIVE PLASTICS MARKET 59
5.2.1 DRIVERS 60
5.2.1.1 Miniaturization of electronic components and development of power electronics 60

5.2.1.2 Rising demand for lightweight and customizable parts in automotive industry 60
5.2.1.3 Advancements in E-mobility and telecommunications 61
5.2.2 RESTRAINTS 61
5.2.2.1 Lower thermal conductivity than traditional metals 61
5.2.2.2 Sluggish growth of electronics industry due to geopolitical uncertainties 62
5.2.2.3 Stringent regulations on plastic recycling and disposal to increase capital expenditure for manufacturers 62
5.2.3 OPPORTUNITIES 62
5.2.3.1 Growing demand for heat dissipation in electronics, automotive, and telecommunications industries 62
5.2.3.2 Replacing conventional plastics & metals for weight reduction and superior thermal management 63
5.2.4 CHALLENGES 63
5.2.4.1 Fluctuating crude oil prices to impact prices of polymer resin 63
5.2.4.2 High production cost and complex processing 63
5.3 PORTER'S FIVE FORCES ANALYSIS 64
FIGURE 15 THERMALLY CONDUCTIVE PLASTICS MARKET: PORTER'S FIVE FORCES ANALYSIS 64
TABLE 1 THERMALLY CONDUCTIVE PLASTICS MARKET: PORTER'S FIVE FORCES ANALYSIS 64
5.3.1 THREAT OF NEW ENTRANTS 65
5.3.2 THREAT OF SUBSTITUTES 65
5.3.3 BARGAINING POWER OF SUPPLIERS 65
5.3.4 BARGAINING POWER OF BUYERS 66
5.3.5 INTENSITY OF COMPETITIVE RIVALRY 66
5.4 VALUE CHAIN ANALYSIS 66
FIGURE 16 THERMALLY CONDUCTIVE PLASTICS VALUE CHAIN 67
5.4.1 RAW MATERIAL SUPPLIERS 67
5.4.2 MANUFACTURERS 67
5.4.3 FILLER & ADDITIVE PRODUCERS 68
5.4.4 COMPOUNDERS 68
5.4.5 CONVERTERS 68
5.4.6 DISTRIBUTORS 68
5.4.7 END-USE INDUSTRIES 68
5.5 ECOSYSTEM MAPPING 68
FIGURE 17 THERMALLY CONDUCTIVE PLASTICS ECOSYSTEM 69
5.6 TRADE ANALYSIS 69
TABLE 2 IMPORT DATA FOR PLASTICS AND RELATED MATERIALS (USD THOUSAND) 69
TABLE 3 EXPORT DATA FOR PLASTICS AND RELATED MATERIALS (USD THOUSAND) 70
5.7 PRICING ANALYSIS 70
FIGURE 18 AVERAGE PRICING ANALYSIS, BY REGION 71
FIGURE 19 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP 3 END-USE INDUSTRIES 71
TABLE 4 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP 3 END-USE INDUSTRIES (USD) 71
5.8 IMPACT OF COVID-19 ON THERMALLY CONDUCTIVE PLASTICS MARKET 72
5.8.1 IMPACT OF COVID-19 ON ELECTRONICS INDUSTRY 72
5.8.2 IMPACT OF COVID-19 ON AUTOMOTIVE INDUSTRY 72
5.9 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 73
FIGURE 20 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 73
5.10 PATENT ANALYSIS 73
5.10.1 INTRODUCTION 73
5.10.2 METHODOLOGY 74
5.10.3 DOCUMENT TYPE 74

FIGURE 21 GRANTED PATENTS 74
FIGURE 22 NUMBER OF PATENTS PUBLISHED IN LAST 10 YEARS 74
5.10.4 INSIGHTS 75
5.10.5 LEGAL STATUS OF PATENTS 75
FIGURE 23 LEGAL STATUS 75
FIGURE 24 TOP JURISDICTION - BY DOCUMENT 75
5.10.6 TOP COMPANIES/APPLICANTS 76
FIGURE 25 TOP 10 PATENT APPLICANTS 76
TABLE 5 LIST OF PATENTS BY DUPONT 76
TABLE 6 LIST OF PATENTS BY LG CHEM 77
TABLE 7 LIST OF PATENTS BY SABIC GLOBAL TECHNOLOGIES BV. 78
TABLE 8 TOP PATENT OWNERS (US) IN LAST 10 YEARS 78
5.11 TECHNOLOGY ANALYSIS 79
5.11.1 DEPLOYMENT OF 5G TELECOMMUNICATIONS AND INTEGRATION OF IOT 79
5.11.2 DEVELOPMENT OF E-MOBILITY 79
5.12 CASE STUDY ANALYSIS 79
5.12.1 HEAT MANAGEMENT OPTIMIZATION IN LED LIGHTING WITH MAKROLON THERMALLY CONDUCTIVE PLASTICS BY COVESTRO AG 79
5.12.2 REPLACEMENT OF METAL HEAT SINKS WITH AVIENT'S THERMALLY CONDUCTIVE PLASTICS IN SWIMMING POOL LIGHTING 80
5.13 RAW MATERIAL ANALYSIS 80
5.13.1 POLYAMIDE 80
5.13.2 POLYCARBONATE 80
5.13.3 POLYPHENYLENE SULFIDE 80
5.13.4 POLYBUTYLENE TEREPHTHALATE 81
5.13.5 POLYETHERIMIDE 81
5.13.6 POLYSULFONES 81
5.14 MARKETING CHANNELS 81
5.15 KEY CONFERENCES & EVENTS IN 2022-2023 81
TABLE 9 THERMALLY CONDUCTIVE PLASTICS MARKET: DETAILED LIST OF CONFERENCES & EVENTS 81
5.16 TARIFF AND REGULATORY LANDSCAPE 82
5.16.1 NORTH AMERICA 82
5.16.2 EUROPE 82
5.16.3 ASIA PACIFIC 82
5.16.4 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 83
TABLE 10 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 83
TABLE 11 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 83
TABLE 12 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 84
TABLE 13 REST OF THE WORLD: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 84
5.17 OPERATIONAL DATA 84
5.17.1 TRENDS IN AUTOMOTIVE INDUSTRY 84
TABLE 14 GOVERNMENT INCENTIVES FOR EVS IN 2021, BY COUNTRY 85
FIGURE 26 GLOBAL SALES OF ELECTRIC CARS IN MAJOR COUNTRIES (THOUSAND UNIT) 85
5.17.2 TRENDS IN ELECTRICAL & ELECTRONICS INDUSTRY 86
FIGURE 27 MARKET SHARE OF SEMICONDUCTOR MANUFACTURING COUNTRIES (2018-2020) 86
TABLE 15 GOVERNMENT INCENTIVES FOR SEMICONDUCTOR MANUFACTURING IN 2021, BY COUNTRY 87
5.17.3 TRENDS IN TELECOMMUNICATIONS INDUSTRY 87
5.18 KEY FACTORS AFFECTING BUYING DECISIONS 88

5.18.1 QUALITY 88
TABLE 16 UNMET NEEDS AFFECTING BUYING DECISION 88
5.18.2 SERVICE 88
FIGURE 28 KEY STAKEHOLDERS & BUYING CRITERIA 89
5.19 MACROECONOMIC ANALYSIS 89
TABLE 17 PROJECTED REAL GDP GROWTH (ANNUAL PERCENTAGE CHANGE) OF KEY COUNTRIES, 2018-2025 90
6 THERMALLY CONDUCTIVE PLASTICS MARKET, BY TYPE 91
6.1 INTRODUCTION 92
FIGURE 29 POLYCARBONATE TO BE FASTEST-GROWING TYPE DURING FORECAST PERIOD 92
TABLE 18 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (USD THOUSAND) 93
TABLE 19 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (USD THOUSAND) 93
TABLE 20 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (TON) 93
TABLE 21 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (TON) 94
6.2 POLYAMIDE 94
TABLE 22 POLYAMIDE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 95
TABLE 23 POLYAMIDE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 95
6.3 POLYCARBONATE 95
TABLE 24 POLYCARBONATE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 96
TABLE 25 POLYCARBONATE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 96
6.4 POLYPHENYLENE SULFIDE 97
TABLE 26 POLYPHENYLENE SULFIDE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 97
TABLE 27 POLYPHENYLENE SULFIDE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 98
6.5 POLYBUTYLENE TEREPHTHALATE 98
TABLE 28 POLYBUTYLENE TEREPHTHALATE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 99
TABLE 29 POLYBUTYLENE TEREPHTHALATE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 99
6.6 POLYETHERIMIDE 99
TABLE 30 POLYETHERIMIDE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 100
TABLE 31 POLYETHERIMIDE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 100
6.7 POLYSULFONES 100
TABLE 32 POLYSULFONES: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 101
TABLE 33 POLYSULFONES: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 101
6.8 OTHERS 101
6.8.1 POLYETHER ETHER KETONE 101
6.8.2 POLYPROPYLENE 102
6.8.3 ACRYLONITRILE BUTADIENE STYRENE 102
6.8.4 LIQUID CRYSTAL POLYMER 102
TABLE 34 OTHER TYPES: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 102
TABLE 35 OTHER TYPES: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 103
7 THERMALLY CONDUCTIVE PLASTICS MARKET, BY END-USE INDUSTRY 104
7.1 INTRODUCTION 105
FIGURE 30 ELECTRICAL & ELECTRONICS TO BE LARGEST END-USE INDUSTRY DURING FORECAST PERIOD 105
TABLE 36 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 106
TABLE 37 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 106
TABLE 38 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 107
TABLE 39 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 107

7.2 ELECTRICAL & ELECTRONICS 107
7.2.1 LED LIGHTING 108
7.2.2 ELECTRONIC DEVICES 108
7.2.3 OTHERS 108
TABLE 40 ELECTRICAL & ELECTRONICS: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 109
TABLE 41 ELECTRICAL & ELECTRONICS: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 109
7.3 AUTOMOTIVE 109
7.3.1 ELECTRIC VEHICLE (EV) 110
7.3.2 BATTERIES 110
7.3.3 CHARGING INFRASTRUCTURE 110
7.3.4 OTHERS 110
TABLE 42 AUTOMOTIVE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 111
TABLE 43 AUTOMOTIVE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 111
7.4 INDUSTRIAL 111
7.4.1 HVAC 112
7.4.2 ENERGY 112
7.4.3 OTHERS 112
TABLE 44 INDUSTRIAL: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 112
TABLE 45 INDUSTRIAL: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 113
7.5 HEALTHCARE 113
TABLE 46 HEALTHCARE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 114
TABLE 47 HEALTHCARE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 114
7.6 AEROSPACE 114
TABLE 48 AEROSPACE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 115
TABLE 49 AEROSPACE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 115
7.7 TELECOMMUNICATIONS 115
7.7.1 WIRELESS DEVICES 115
7.7.2 OTHERS 116
TABLE 50 TELECOMMUNICATIONS: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 116
TABLE 51 TELECOMMUNICATIONS: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 116
7.8 OTHERS 117
7.8.1 DEFENSE & SECURITY 117
7.8.2 MARINE 117
TABLE 52 OTHER END-USE INDUSTRIES: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (USD THOUSAND) 117
TABLE 53 OTHER END-USE INDUSTRIES: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2020-2027 (TON) 118
8 THERMALLY CONDUCTIVE PLASTICS MARKET, BY REGION 119
8.1 INTRODUCTION 120
FIGURE 31 INDIA TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD 120
TABLE 54 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2018-2021 (USD THOUSAND) 121
TABLE 55 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2022-2027 (USD THOUSAND) 121
TABLE 56 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2018-2021 (TON) 121
TABLE 57 THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY REGION, 2022-2027 (TON) 122
8.2 NORTH AMERICA 122
FIGURE 32 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SNAPSHOT 123
TABLE 58 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (USD THOUSAND) 123

TABLE 59 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (USD THOUSAND) 124
TABLE 60 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (TON) 124
TABLE 61 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (TON) 124
TABLE 62 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (USD THOUSAND) 125
TABLE 63 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (USD THOUSAND) 125
TABLE 64 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (TON) 125
TABLE 65 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (TON) 126
TABLE 66 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 126
TABLE 67 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 127
TABLE 68 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 127
TABLE 69 NORTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 128
8.2.1 US 128
8.2.1.1 Miniaturization of electronic components to drive market 128
TABLE 70 US: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 129
TABLE 71 US: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 129
TABLE 72 US: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 130
TABLE 73 US: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 130
8.2.2 CANADA 130
8.2.2.1 Automotive industry to propel demand for thermally conductive plastics 130
TABLE 74 CANADA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 131
TABLE 75 CANADA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 132
TABLE 76 CANADA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 132
TABLE 77 CANADA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 133
8.2.3 MEXICO 133
8.2.3.1 Rising investments in electrical & electronics sector to boost market 133
TABLE 78 MEXICO: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 134
TABLE 79 MEXICO: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 134
TABLE 80 MEXICO: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 134
TABLE 81 MEXICO: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 135
8.3 ASIA PACIFIC 135
FIGURE 33 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SNAPSHOT 136
TABLE 82 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (USD THOUSAND) 137
TABLE 83 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (USD THOUSAND) 137
TABLE 84 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (TON) 138
TABLE 85 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (TON) 138
TABLE 86 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (USD THOUSAND) 138
TABLE 87 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (USD THOUSAND) 139
TABLE 88 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (TON) 139
TABLE 89 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (TON) 140
TABLE 90 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 140
TABLE 91 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 141
TABLE 92 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 141
TABLE 93 ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 141

8.3.1 CHINA 142
8.3.1.1 Government initiatives for EV manufacturing to propel market 142
TABLE 94 CHINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 143
TABLE 95 CHINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 143
TABLE 96 CHINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 143
TABLE 97 CHINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 144
8.3.2 JAPAN 144
8.3.2.1 Diversified end-use industries to increasingly consume thermally conductive plastics 144
TABLE 98 JAPAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 145
TABLE 99 JAPAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 145
TABLE 100 JAPAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 146
TABLE 101 JAPAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 146
8.3.3 INDIA 146
8.3.3.1 Growing automotive industry and government investments in semiconductor industry to drive market 146
TABLE 102 INDIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 147
TABLE 103 INDIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 148
TABLE 104 INDIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 148
TABLE 105 INDIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 148
8.3.4 SOUTH KOREA 149
8.3.4.1 Growing electronics industry and skilled workforce to boost market 149
TABLE 106 SOUTH KOREA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 149
TABLE 107 SOUTH KOREA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 150
TABLE 108 SOUTH KOREA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 150
TABLE 109 SOUTH KOREA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 150
8.3.5 TAIWAN 151
8.3.5.1 Established electronics industry and investments in telecommunications industry to drive market 151
TABLE 110 TAIWAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 151
TABLE 111 TAIWAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 152
TABLE 112 TAIWAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 152
TABLE 113 TAIWAN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 152
8.3.6 INDONESIA 153
8.3.6.1 Industrial equipment and manufacturing industries to boost demand for thermally conductive plastics 153
TABLE 114 INDONESIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 153
TABLE 115 INDONESIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 153
TABLE 116 INDONESIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 154
TABLE 117 INDONESIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 154
8.3.7 REST OF ASIA PACIFIC 154
TABLE 118 REST OF ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 155
TABLE 119 REST OF ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 155
TABLE 120 REST OF ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 155
TABLE 121 REST OF ASIA PACIFIC: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 156

8.4 EUROPE 156
FIGURE 34 AUTOMOTIVE TO BE FASTEST-GROWING END-USE INDUSTRY IN EUROPE 157
TABLE 122 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (USD THOUSAND) 157
TABLE 123 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (USD THOUSAND) 158
TABLE 124 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (TON) 158
TABLE 125 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (TON) 158
TABLE 126 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (USD THOUSAND) 159
TABLE 127 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (USD THOUSAND) 159
TABLE 128 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (TON) 159
TABLE 129 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (TON) 160
TABLE 130 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 160
TABLE 131 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 160
TABLE 132 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 161
TABLE 133 EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 161
8.4.1 GERMANY 161
8.4.1.1 Presence of leading market players to spur growth 161
TABLE 134 GERMANY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 162
TABLE 135 GERMANY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 163
TABLE 136 GERMANY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 163
TABLE 137 GERMANY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 163
8.4.2 UK 164
8.4.2.1 Government's plan to achieve net-zero carbon emissions to boost E-mobility 164
TABLE 138 UK: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 164
TABLE 139 UK: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 165
TABLE 140 UK: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 165
TABLE 141 UK: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 165
8.4.3 FRANCE 166
8.4.3.1 Government investments in technology infrastructure to support market growth 166
TABLE 142 FRANCE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 166
TABLE 143 FRANCE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 167
TABLE 144 FRANCE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 167
TABLE 145 FRANCE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 167
8.4.4 ITALY 168
8.4.4.1 Presence of luxury automobile industry to drive market 168
TABLE 146 ITALY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 168
TABLE 147 ITALY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 169
TABLE 148 ITALY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 169
TABLE 149 ITALY: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 169
8.4.5 SPAIN 170
8.4.5.1 Adoption of E-mobility by aerospace industry to propel market 170
TABLE 150 SPAIN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 170
TABLE 151 SPAIN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 171
TABLE 152 SPAIN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 171
TABLE 153 SPAIN: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 171
8.4.6 REST OF EUROPE 172
TABLE 154 REST OF EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 172

TABLE 155 REST OF EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 172
TABLE 156 REST OF EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 173
TABLE 157 REST OF EUROPE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 173
8.5 MIDDLE EAST & AFRICA 173
TABLE 158 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (USD THOUSAND) 174
TABLE 159 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (USD THOUSAND) 174
TABLE 160 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (TON) 174
TABLE 161 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (TON) 175
TABLE 162 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (USD THOUSAND) 175
TABLE 163 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (USD THOUSAND) 175
TABLE 164 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (TON) 176
TABLE 165 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (TON) 176
TABLE 166 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 176
TABLE 167 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 177
TABLE 168 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 177
TABLE 169 MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 177
8.5.1 SAUDI ARABIA 178
8.5.1.1 Positive trends in automotive and electrical & electronics industries to drive market 178
TABLE 170 SAUDI ARABIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 178
TABLE 171 SAUDI ARABIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 179
TABLE 172 SAUDI ARABIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 179
TABLE 173 SAUDI ARABIA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 179
8.5.2 SOUTH AFRICA 180
8.5.2.1 Developments in electrical & electronics, industrial processing, and automotive industries to favor market growth 180
TABLE 174 SOUTH AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 180
TABLE 175 SOUTH AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 181
TABLE 176 SOUTH AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 181
TABLE 177 SOUTH AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 181
8.5.3 UAE 182
8.5.3.1 IoT-related applications in various industries to boost demand for thermally conductive plastics 182
TABLE 178 UAE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND) 182
TABLE 179 UAE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND) 182
TABLE 180 UAE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON) 183
TABLE 181 UAE: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON) 183
8.5.4 REST OF MIDDLE EAST & AFRICA 183
TABLE 182 REST OF MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021

(USD THOUSAND)□184
TABLE 183□REST OF MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND)□184
TABLE 184□REST OF MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON)□184
TABLE 185□REST OF MIDDLE EAST & AFRICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON)□185
8.6□SOUTH AMERICA□185
TABLE 186□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (USD THOUSAND)□185
TABLE 187□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (USD THOUSAND)□186
TABLE 188□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2018-2021 (TON)□186
TABLE 189□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY COUNTRY, 2022-2027 (TON)□186
TABLE 190□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (USD THOUSAND)□187
TABLE 191□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (USD THOUSAND)□187
TABLE 192□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2018-2021 (TON)□187
TABLE 193□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY TYPE, 2022-2027 (TON)□188
TABLE 194□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND)□188
TABLE 195□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND)□189
TABLE 196□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON)□189
TABLE 197□SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON)□190
8.6.1□BRAZIL□190
8.6.1.1□Investments in automotive industry to propel market□190
TABLE 198□BRAZIL: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND)□191
TABLE 199□BRAZIL: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND)□191
TABLE 200□BRAZIL: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON)□191
TABLE 201□BRAZIL: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON)□192
8.6.2□ARGENTINA□192
8.6.2.1□Government initiatives for E-mobility to increase consumption of thermally conductive plastics□192
TABLE 202□ARGENTINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND)□192
TABLE 203□ARGENTINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND)□193
TABLE 204□ARGENTINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON)□193
TABLE 205□ARGENTINA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON)□193
8.6.3□REST OF SOUTH AMERICA□194
TABLE 206□REST OF SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (USD THOUSAND)□194
TABLE 207□REST OF SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (USD THOUSAND)□194
TABLE 208□REST OF SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2018-2021 (TON)□195
TABLE 209□REST OF SOUTH AMERICA: THERMALLY CONDUCTIVE PLASTICS MARKET SIZE, BY END-USE INDUSTRY, 2022-2027 (TON)□195
9□COMPETITIVE LANDSCAPE□196
9.1□INTRODUCTION□196

9.2 STRATEGIES ADOPTED BY KEY PLAYERS 197
FIGURE 35 COMPANIES ADOPTED INVESTMENT & EXPANSION AND NEW PRODUCT LAUNCH AS KEY GROWTH STRATEGIES BETWEEN 2017 AND 2022 197
9.3 MARKET EVALUATION MATRIX 198
TABLE 210 MARKET EVALUATION MATRIX 198
9.4 REVENUE ANALYSIS OF TOP PLAYERS 199
TABLE 211 THERMALLY CONDUCTIVE PLASTICS MARKET: REVENUE ANALYSIS (USD) 199
9.5 MARKET RANKING ANALYSIS 199
FIGURE 36 RANKING OF TOP FIVE PLAYERS IN THERMALLY CONDUCTIVE PLASTICS MARKET, 2021 199
9.6 MARKET SHARE ANALYSIS 200
FIGURE 37 THERMALLY CONDUCTIVE PLASTICS MARKET SHARE, BY COMPANY, 2021 200
TABLE 212 THERMALLY CONDUCTIVE PLASTICS MARKET: DEGREE OF COMPETITION 200
9.6.1 CELANESE CORPORATION 201
9.6.2 DSM 201
9.6.3 SABIC 201
9.6.4 BASF 201
9.6.5 DUPONT 201
9.7 COMPANY EVALUATION MATRIX 202
9.7.1 STARS 202
9.7.2 EMERGING LEADERS 202
9.7.3 PERVASIVE PLAYERS 202
9.7.4 PARTICIPANTS 202
FIGURE 38 THERMALLY CONDUCTIVE PLASTICS MARKET: COMPANY EVALUATION MATRIX, 2021 203

SCOTTS INTERNATIONAL

Thermally Conductive Plastics Market by Type (Polyamide, PBT, Polycarbonate, PPS, PEI, Polysulfones), End-use (Electrical & Electronics, Automotive, Industrial, Aerospace, Healthcare, Telecommunications) and Region - Global Forecast to 2027

Market Report | 2022-07-29 | 264 pages | MarketsandMarkets

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	$4950.00
	Multi User	$6650.00
	Corporate License	$8150.00
	Enterprise Site License	$10000.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	

Date	2025-05-20
Signature	