Sulfone Polymers (PSU, PPSU & PESU) – A Global Market Overview

The report reviews, analyzes and projects the global market for Sulfone Polymers (PSU, PPSU & PESU) for the period 2012-2022

Published: August 2016
Report Code: CP041
Pages: 400
Charts: 342
Price: $4500 Single User License, $7200 Enterprise License

SUMMARY

The combination of features such as mechanically tough and rigid, transparent, resistance against hydrolysis and against acidic attacks and melt processing at temperatures of up to 400°C, coupled with ease of fabrication, has enabled sulfone polymers to be used in a wide and increasingly diversified range of applications. Major forces driving the demand for sulfone polymers across the globe include their growing usage in automotive, aerospace, medical and filtration membranes. Replacing metal to reduce weight, reduce emissions and increase fuel efficiency in automotive and aerospace sector is the key driver for future demand for sulfone polymers.

Medical & healthcare sector currently is the largest consumer for sulfone polymers, such as PSU and PPSU and further contributes to the growth of these polymers. However, the fastest growth is expected for sulfone polymers, specifically polyethersulfone (PESU), in filtration membranes.

This global market report analyzes the sulfone polymer product types comprising Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU). The report explores the key end-use sectors of sulfone polymers including Aerospace & Military, Automotive, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others. The global markets for the above mentioned product types and end-use sectors are analyzed in terms of volume in metric tons and value in USD for 2012-2022 analysis period. This report also provides the comprehensive market analysis of each polymer type by end-use sector for the global markets including the United States and key regions in Europe, Asia-Pacific and Rest of World.

The study reviews, analyses and projects the Sulfone Polymers market for the aforementioned analysis period globally and the regional markets including the United States, Europe, Asia-Pacific, South America and Rest of World. The regional markets further analyzed for 7 more independent countries across Europe – France, Germany, Italy and the United Kingdom; Asia-Pacific – China, Japan and South Korea. Volume consumption, worldwide, of Sulfone Polymers is forecast to be 51.1 thousand metric tons in 2016 and is projected to reach 68.9 thousand metric tons by 2022 at a CAGR of 5.1% between 2016 and 2022.

This 400 page global market research report includes 342 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 4 key global players and 14 independent compounders and processors spread across the globe. The research also provides the listing of the companies engaged in manufacturing, compounding, processing and supply of Sulfone Polymers (PSU, PPSU & PESU). The global list of companies covers the address, contact numbers and the website addresses of 77 companies.
SOLVAY SA (BELGIUM)
Rue de Ransbeek, 310 1120 Brussels
Belgium
Phone: 32 2 2642111
Fax: 32 2 2641484 / 2643061
Website: www.solvay.com

Business Profile
Solvay SA, established in 1863 and based in Brussels, Belgium, is a leading global chemicals and plastics company. The company's range of products and solutions comprises amines, antioxidants and stabilizers, barium and strontium derivatives, calcium and magnesium derivatives, chlorine and derivatives, flavors and fragrances, fluoride derivatives, lithium derivatives, peroxynes, phenols and derivatives, phosphorus derivatives, polymers, rare earths and metal compounds, silicium derivatives, sodium derivatives, solvents, specialty chemicals, specialty polymers, surfactants and wood derivatives. Solvay supplies its products to a variety of industries, including aerospace, alternative energy, automotive, chemical, construction, consumer goods, food and beverage and oil and gas.

Solvay's array of specialty polymers includes more than 35 product lines available in more than 1500 formulations. The company's high performance polymers offerings include the following:

<table>
<thead>
<tr>
<th>Polymer Category</th>
<th>Particulars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Polyamides</td>
<td>Amodel® polyphthalamide (PPA), Ixef® polyarylamide (PARA), Kalix® high-performance polyamides (HPPA), High-Performance Polymers and Lavanta® HPP (high-performance polyesters)</td>
</tr>
<tr>
<td>Aromatic Polyketones</td>
<td>AvaSpire® PAEK (polyaryletherketone), Torlon® PAI (polyamide-imide) and KetaSpire® PEEK (polyetheretherketone)</td>
</tr>
<tr>
<td>Sulfone Polymers</td>
<td>Acudel® modified polyphenylessulfone (PPSU), Epispire® high-temperature sulfone (HTS), Radel® polyphenylessulfone (PPSU), Udell® polysulfone (PSU) and Veradel® polyethersulfone (PESU)</td>
</tr>
<tr>
<td>Liquid Crystal Polymer</td>
<td>Xydar® LCP</td>
</tr>
<tr>
<td>Polyamide-Imide</td>
<td>Torlon® PAI</td>
</tr>
<tr>
<td>Self-Reinforced Polyphenylene</td>
<td>PrimoSpire® SRP</td>
</tr>
<tr>
<td>Polyphenylene Sulfide</td>
<td>Ryton® PPS</td>
</tr>
</tbody>
</table>

KEY PLAYERS PROFILED
- BASF SE
- Jiangmen Youju New Materials Co., Ltd
- Solvay SA
  - Solvay Specialty Polymers USA, LLC
- Sumitomo Chemical Company, Limited

REGIONS COVERED
- United States
- Europe (France, Germany, Italy, The United Kingdom and other countries)
- Asia-Pacific (China, Japan, India, South Korea and Rest of Asia-Pacific)
- Rest of World

Glance at 2017 Global Sulfone Polymers Volume Market Share (%) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World
TABLE OF CONTENTS

PART A: GLOBAL MARKET PERSPECTIVE .......... 1

1. INTRODUCTION ............................................. 1

1.1 Global Sulfone Polymers Market 2012, 2016 and 2022 .......... 1
1.2 Global Sulfone Polymers Market (2016 and 2022) by Geographic Region .......... 2
1.3 Global Sulfone Polymers Market (2016 and 2022) by Polymer Type .......... 3

1.1 Product Outline ............................................. 4
1.1.1 Sulfone Polymers ......................................... 4
1.1.1.1 Polysulfone (PSU) ...................................... 5
1.1.1.2 Properties of PSU .................................... 17
1.1.1.3 Polysulfone (PSU) Properties and Limitations .......... 17
1.1.1.4 PSU Processing ........................................ 17
1.1.2.1 Polysulfone (PSU) Properties ......................... 18
1.1.2.2 PESU Strengths and Limitations ...................... 23
1.1.2.3 Polysulfone (PSU) Applications ....................... 23
1.1.2.4 PESU Processing ........................................ 24
1.1.3 Polyphenylsulfone (PPSU) ................................ 24
1.1.3.1 Properties of PPSU ..................................... 25
1.1.3.2 PPSU Strengths and Limitations ...................... 25
1.1.3.3 Polyphenylsulfone (PPSU) Applications .............. 26
1.1.3.4 PPSU Processing ....................................... 26
1.1.4 Sulfone Polymers Synthesis ................................ 27
1.1.4.1 Nucleophilic Displacement Route ..................... 27

1.2 End-Use Sector Analysis – A Global Snapshot ..22

1.2.1 Aerospace ............................................... 24
1.2.2 Automotive ............................................. 27
1.2.3 Building & Construction ................................ 28
1.2.4 Electrical & Electronics .................................. 29
1.2.5 Food & Household ...................................... 30

1.3 Key Market Trends & Growth Drivers ....... 31

2. INDUSTRY LANDSCAPE ......................... 37

2.1 Sulfone Polymers Producers and Production Capacities .......... 37

2.2 Key Global Players ................................. 39

3. KEY BUSINESS & PRODUCT TRENDS ........ 61

3.1 Ensigning Key Global Players ........................ 61
3.2 Key Global Players ..................................... 61

4. GLOBAL MARKET OVERVIEW ............... 69

4.1 Global Sulfone Polymers Market Overview by End-Use Sector ............... 70

4.2 Volume Analysis ........................................... 70

4.3 Key Global Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Metric Tons .......... 71

4.4 Sulfone Polymers Value Market Share (%) by End-Use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others .......... 71


4.6 Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in USD Million .......... 71

4.7 Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Metric Tons .......... 71

4.8 Sulfone Polymers Value Market Share (%) by End-Use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others .......... 71

4.9 Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in USD Million .......... 71

4.10 Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Metric Tons .......... 71

4.11 Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in USD Million .......... 71

4.12 Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Metric Tons .......... 71

Chart 15: Global Sulfone Polymers Neat Resin Installed Capacity by Manufacturer and Country in Metric Tons .......... 38

Chart 16: Global Sulfone Polymers Market (2012-2022) in Volume (Metric Tons) and Value (USD Million) .......... 69

Chart 17: Global Sulfone Polymers Market Analysis (2012-2022) by End-Use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in Metric Tons .......... 70


Chart 22: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Value Market Share (%) in Aerospace & Military Sector by Geographic Region – United States, Europe, Asia-Pacific and Rest of World .......... 75

Chart 23: Global Sulfone Polymers Market (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Value (USD Million) .......... 76


Chart 26: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Value Market Share (%) in Aerospace & Military Sector by Geographic Region – United States, Europe, Asia-Pacific and Rest of World .......... 77

Chart 27: Global Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Volume (Metric Tons) .......... 77


Chart 29: Global Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – United States, Europe, Asia-Pacific and Rest of World in Value (USD Million) .......... 77

Chart 30: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Value Market Share (%) in Aerospace & Military Sector by Geographic Region – United States, Europe, Asia-Pacific and Rest of World .......... 77

Click here to buy the report
Volume Analysis

4.1.1.4 Mechanical & Industrial

Europe, Asia-Pacific and Rest of World

United States, Europe, Asia-Pacific and Rest of World

Volume Analysis

Chart 33: Global Market for Sulfone Polymers in Electrical & Electronics Sector (2012-2022) by Geographic Region

Volume Analysis

Chart 36: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Electrical & Electronics Sector by Geographic Region

Volume Analysis

Chart 40: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Mechanical & Industrial Sector by Geographic Region

Volume Analysis

Chart 44: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Healthcare Sector

Volume Analysis

Chart 45: Global Market for Sulfone Polymers in Medical & Healthcare Sector (2012-2022) by Geographic Region

Value Analysis

Chart 35: Global Market for Sulfone Polymers in Electrical & Electronics Sector (2012-2022) by Geographic Region

Value Analysis

Chart 36: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Electrical & Electronics Sector

Value Analysis

Chart 38: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Food & Household Sector

Value Analysis

Chart 42: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Mechanical & Industrial Sector

Value Analysis

Chart 44: Global Market for Sulfone Polymers in Healthcare Sector (2012-2022) by Geographic Region

Value Analysis

Chart 45: Global Market for Sulfone Polymers in Medical & Healthcare Sector (2012-2022) by Geographic Region

Value Analysis

Chart 46: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Healthcare Sector

4.1.1.5 Food & Household

Volume Analysis

Chart 37: Global Market for Sulfone Polymers in Food & Household Sector (2012-2022) by Geographic Region

Volume Analysis

Chart 39: Global Market for Sulfone Polymers by Geographic Region

Volume Analysis

Chart 40: Glance at 2012, 2017 and 2022 Global Sulfone Polymers Volume Market Share (%) in Food & Household Sector

Value Analysis

Chart 41: Global Market for Sulfone Polymers by Geographic Region

Value Analysis

Chart 43: Global Market for Sulfone Polymers in Mechanical & Industrial Sector (2012-2022) by Geographic Region

Value Analysis

Chart 45: Global Market for Sulfone Polymers in Medical & Healthcare Sector (2012-2022) by Geographic Region

Sulfone Polymers (PSU, PPSU & PESU) – A Global Market Overview

August 2016 | 400 Pages | 342 Charts | Price $4500

Click here to buy the report
PART B: REGIONAL MARKET PERSPECTIVE

Global Sulfone Polymers Market Overview by Geographic Region

1. THE UNITED STATES

Chart 81: United States Sulfone Polymers Market Analysis (2012-2022) in Volume (Metric Tons) and Value (USD Million) .......................... 134

1.1 United States Sulfone Polymers Market Overview by End-Use Sector .......................................................... 135

Volume Analysis .................................................................................... 135

Chart 82: United States Sulfone Polymers Market Analysis (2012-2022) by End-Use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Medical/Industrial, Medical & Healthcare and Others in USD Million ......................... 154

Chart 83: Glance at 2012, 2017 and 2022 United States Sulfone Polymers Market Overview by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

1.2 United States Sulfone Polymers Market Overview by Polymer Type ..................................................................... 139

Volume Analysis .................................................................................... 140

Chart 84: United States Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

Chart 85: Glance at 2012, 2017 and 2022 United States Sulfone Polymers Market Analysis by End-Use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Medical/Industrial, Medical & Healthcare and Others in USD Million ......................... 154

1.2.1 United States Sulfone Polymers Product Type Market Overview by Geographic Region .................................................. 135

Volume Analysis .................................................................................... 143


1.2.1.1 Polysulfone (PSU) & Polyethersulfone (PESU) .......................... 143

Volume Analysis .................................................................................... 143


Value Analysis ....................................................................................... 144


Value Analysis ....................................................................................... 146


Value Analysis ....................................................................................... 148


Value Analysis ....................................................................................... 150

2. EUROPE

Chart 98: European Sulfone Polymers Market Analysis (2012-2022) in Volume (Metric Tons) and Value (USD Million) .......................... 151

2.1 European Sulfone Polymers Market Overview by Geographic Region .................................................. 152

Volume Analysis .................................................................................... 152

Chart 99: European Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – France, Germany, Italy, The United Kingdom and Rest of Europe in Volume Tons .................................................. 166

Chart 100: Glance at 2012, 2017 and 2022 European Sulfone Polymers Market Analysis by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) Value Market Share (%) by Geographic Region .................................................. 166

Value Analysis ....................................................................................... 153

Chart 101: European Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – France, Germany, Italy, The United Kingdom and Rest of Europe in USD Million ......................... 154

Chart 102: Glance at 2012, 2017 and 2022 European Sulfone Polymers Market Analysis Value Market Share (%) by Geographic Region .................................................. 166

Value Analysis ....................................................................................... 155

Chart 103: European Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – France, Germany, Italy, The United Kingdom and Rest of Europe in Metric Tons .................................................. 166

Chart 104: Glance at 2012, 2017 and 2022 European Sulfone Polymers Market Analysis Value Market Share (%) by Geographic Region .................................................. 166

Value Analysis ....................................................................................... 158

Chart 105: European Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – France, Germany, Italy, The United Kingdom and Rest of Europe in USD Million ......................... 154

Chart 106: Glance at 2012, 2017 and 2022 European Sulfone Polymers Market Analysis Value Market Share (%) by Geographic Region .................................................. 166

Value Analysis ....................................................................................... 160

Chart 107: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

Chart 108: Glance at 2012, 2017 and 2022 European Sulfone Polymers Market Share (%) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in USD Million ......................... 166

Value Analysis ....................................................................................... 161

Chart 109: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Metric Tons .................................................. 160

Value Analysis ....................................................................................... 162

Chart 110: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in USD Million ......................... 166

Value Analysis ....................................................................................... 164

Chart 111: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

Value Analysis ....................................................................................... 166

Chart 112: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in USD Million ......................... 166

Value Analysis ....................................................................................... 167

Chart 113: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

Value Analysis ....................................................................................... 168

Chart 114: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in USD Million ......................... 166

Value Analysis ....................................................................................... 169

Chart 115: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

Value Analysis ....................................................................................... 170

Chart 116: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in USD Million ......................... 166

Value Analysis ....................................................................................... 171

Chart 117: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in Volume Tons .................................................. 160

Value Analysis ....................................................................................... 171

Chart 118: European Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polyethersulfone (PESU), Polyphenylsulfone (PPSU) & Polyethersulfone (PESU) in USD Million ......................... 166

Value Analysis ....................................................................................... 173
Polyethersulfone (PESU) ................................ ................................ .... 227
Market Overview by End-Use Sector ................................ .. 227
Polymer Type ................................ ......................... 223
Value Analysis ................................ ........................ 221
End-Use Sector ................................ ...................... 219
2.4.2.2.1.2 Polyethersulfone (PESU) ...................... 214
Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) in 
Chart 170: Italian Polyethersulfone (PESU) Market Analysis (2012-
in Metric Tons ............................................................... 224
2012-2022) by End-Use Sector – Aerospace & Military, 
Automotive, Building & Construction, Electrical & 
Construction, Electrical & Electronics, Food & Household, 
Mechanical/Industrial, Medical & Healthcare and Others in USD Million .......... 227
Chart 171: Italian Polyethersulfone (PESU) Value Market Share (%) by End-Use 
Sector – Aerospace & Military, Automotive, Building & 
Construction, Electrical & Electronics, Food & Household, 
Mechanical/Industrial, Medical & Healthcare and Others ............. 228
Volume Analysis ................................ ...................... 227
Chart 174: Italian Polyethylene (PE) & Polypropylene (PP) Value 
Market Analysis (2012-2022) by End-Use Sector – Aerospace 
& Military, Construction, Chemicals, Food & Household, 
Mechanical/Industrial, Medical & Healthcare and Others in USD Million ..... 224
2.4.3 Italy ..................................................... 218
Chart 165: Italian Sulfone Polymers Market Analysis (2012- 
2022) in Volume (Metric Tons) and Value (USD Million) ................. 219
2.4.3.1 Italian Sulfone Polymers Market Overview by 
End-Use Sector ..................................................... 219
Volume Analysis.................................................. 219
Chart 166: Italian Sulfone Polymers Market Analysis (2012- 
2022) by End-Use Sector – Aerospace & Military, 
Automotive, Building & Construction, Electrical & 
Electronics, Food & Household, Mechanical/Industrial, 
Medical & Healthcare and Others in USD Million ............... 220
Chart 167: Glance at 2012, 2017 and 2022 Italian Sulfone Polymers 
Volume Market Share (%) by End-Use Sector – Aerospace & Military, 
Automotive, Building & Construction, Electrical & 
Electronics, Food & Household, Mechanical/Industrial, 
Medical & Healthcare and Others in Volume (Metric Tons) ...... 221
Chart 168: Glance at 2012, 2017 and 2022 Italian Sulfone Polymers 
Value Market Share (%) by End-Use Sector – Aerospace & Military, 
Automotive, Building & Construction, Electrical & 
Electronics, Food & Household, Mechanical/Industrial, 
Medical & Healthcare and Others ... 220
Value Analysis .................................................. 221
Chart 169: Glance at 2012, 2017 and 2022 Italian Sulfone Polymers 
Value Market Share (%) by End-Use Sector – Aerospace & Military, 
Automotive, Building & Construction, Electrical & 
Electronics, Food & Household, Mechanical/Industrial, 
Medical & Healthcare and Others ................................... 222
2.4.3.2 Italian Sulfone Polymers Market Overview by 
Polymer Type .................................................. 223
Volume Analysis.................................................. 223
Chart 170: Italian Sulfone Polymers Market Analysis (2012- 
2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and 
Polyethersulfone (PESU) .......................................................................................................................... 224
Value Analysis .................................................. 225
Chart 172: Italian Sulfone Polymers Market Analysis (2012- 
2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and 
Polyethersulfone (PESU) .......................................................................................................................... 226
Value Analysis .................................................. 227
2.4.3.2.1 Italian Sulfone Polymers Product Type 
Market Overview by End-Use Sector ................. 227
2.4.3.2.1.1 Polyethylene (PE) & Polypropylene (PP) 
(PPSU) ................................ ................................ .... 227
Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) ................................ ................................ .... 227
Volume Analysis ............................................................ 253
Chart 200: Rest of Europe Sulfone Polymers Market Analysis (2012-2022) by End-Use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in Metric Tons ........................ 253
Chart 201: Glance at 2012, 2017 and 2022 Rest of Europe Sulfone Polymers Volume Market Share (%) by End-Use Sector – Aerospace & Military, Automotive, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others ........................ 266
Value Analysis .................................................................. 267
Chart 214: Rest of Europe Polymethylsulfone (PMSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 267
Chart 215: Glance at 2012, 2017 and 2022 Rest of Europe Polymethylsulfone (PMSU) Volume Market Share (%) by End-Use Sector – Aerospace & Military, Automotive, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in USD Million ............ 267
Chart 216: Glance at 2012, 2017 and 2022 Rest of Europe Polymethylsulfone (PMSU) Volume Market Share (%) by End-Use Sector – Aerospace & Military, Automotive, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others ........................ 268
Chart 217: Glance at 2012, 2017 and 2022 Rest of Europe Polysulfone (PSU) Volume Market Share (%) by End-Use Sector – Aerospace & Military, Automotive, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others ........................ 266

3. ASIA-PACIFIC ............................................................... 269
Chart 216: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) in Volume (Metric Tons) and Value (USD Million) ........................ 269
3.1 Asia-Pacific Sulfone Polymers Market Overview by Geographic Region ................................ 270
Value Analysis .................................................................. 270
Chart 217: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 270
Chart 218: Glance at 2012, 2017 and 2022 Asia-Pacific Sulfone Polymers Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 271
Value Analysis .................................................................. 272
Chart 219: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 272
Chart 220: Glance at 2012, 2017 and 2022 Asia-Pacific Sulfone Polymers Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ............................................ 273
2.2 Asia-Pacific Sulfone Polymers Market Overview by Geographic Region ................................ 274
Value Analysis .................................................................. 274
Chart 221: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 274
Chart 222: Glance at 2012, 2017 and 2022 Asia-Pacific Sulfone Polymers Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 275
Value Analysis .................................................................. 276
Chart 223: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 276
Chart 224: Glance at 2012, 2017 and 2022 Asia-Pacific Sulfone Polymers Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 277
Value Analysis .................................................................. 278
Chart 225: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 278
Chart 226: Glance at 2012, 2017 and 2022 Asia-Pacific Sulfone Polymers Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 279

3.3 Asia-Pacific Sulfone Polymers Product Type Market Overview ............................................. 280
Value Analysis .................................................................. 280
Chart 227: Asia-Pacific Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polymethylsulfone (PMSU) in USD Million ........................ 280

3.3.1 Polysulfone (PSU) ...................................................... 281
Volume Analysis ............................................................... 281
Chart 228: Asia-Pacific Polysulfone (PSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 282
Chart 230: Glance at 2012, 2017 and 2022 Asia-Pacific Polysulfone (PSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 283
Value Analysis .................................................................. 284
Chart 231: Asia-Pacific Polysulfone (PSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in USD Million ........................ 284
Chart 232: Glance at 2012, 2017 and 2022 Asia-Pacific Polysulfone (PSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 285

3.3.2 Polyphenylsulfone (PPSU) ....................................... 286
Volume Analysis ............................................................... 286
Chart 233: Asia-Pacific Polyphenylsulfone (PPSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in USD Million ........................ 286
Chart 234: Glance at 2012, 2017 and 2022 Asia-Pacific Polyphenylsulfone (PPSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 287
Value Analysis .................................................................. 288
Chart 235: Asia-Pacific Polyphenylsulfone (PPSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in USD Million ........................ 288
Chart 236: Glance at 2012, 2017 and 2022 Asia-Pacific Polyphenylsulfone (PPSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 289

3.3.3 Polymethylsulfone (PMSU) .................................... 290
Volume Analysis ............................................................... 290
Chart 237: Asia-Pacific Polymethylsulfone (PMSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 290
Chart 238: Glance at 2012, 2017 and 2022 Asia-Pacific Polymethylsulfone (PMSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 291
Value Analysis .................................................................. 292
Chart 239: Asia-Pacific Polymethylsulfone (PMSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in USD Million ........................ 292
Chart 240: Glance at 2012, 2017 and 2022 Asia-Pacific Polymethylsulfone (PMSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 293

3.3.3.1 Polysulfone (PSU) & Polyphenylsulfone (PPSU) ...................................................... 294
Volume Analysis ............................................................... 294
Chart 241: Asia-Pacific Polysulfone (PSU) & Polyphenylsulfone (PPSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in Metric Tons ........................ 294
Chart 242: Glance at 2012, 2017 and 2022 Asia-Pacific Polysulfone (PSU) & Polyphenylsulfone (PPSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 295
Value Analysis .................................................................. 296
Chart 243: Asia-Pacific Polysulfone (PSU) & Polyphenylsulfone (PPSU) Market Analysis (2012-2022) by Geographic Region – China, Japan, South Korea and Rest of APAC in USD Million ........................ 296

Chart 244: Glance at 2012, 2017 and 2022 Asia-Pacific Polysulfone (PSU) & Polyphenylsulfone (PPSU) Volume Market Share (%) by Geographic Region – China, Japan, South Korea and Rest of APAC ........................ 297
3.4.1 China ......................................................... 302
3.4.1.1 Chinese Sulfone Polymers Market Overview by End-use Sector .............................. 302

3.4.1.2 Chinese Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) – A Global Market Overview

Value Analysis ........................................................................ 304


Chart 249: Chinese Sulfone Polymers Market Analysis (2012-2022) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in Metric Tons ...306

Value Analysis ........................................................................ 308


Chart 251: Chinese Sulfone Polymers Market Analysis (2012-2022) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in Metric Tons ...310

Value Analysis ........................................................................ 311


Chart 253: Chinese Sulfone Polymers Market Analysis (2012-2022) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in Metric Tons ...313

Value Analysis ........................................................................ 315

3.4.2 Indian Sulfone Polymers Market Overview by End-use Sector ............................................ 315

3.4.2.1 Indian Sulfone Polymers Market Analysis (2012-2022) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others ...315

3.4.2.2 Indian Sulfone Polymers Market Analysis by Polymer Type ........................................... 324

Chart 271: Indian Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) in Metric Tons ..........324

Chart 272: Glance at 2012, 2017 and 2022 Indian Sulfone Polymers Volume Market Share (%) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) in USD Million ........325

Value Analysis ........................................................................ 326

Chart 273: Indian Sulfone Polymers Market Analysis (2012-2022) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) in Metric Tons ..........326

Chart 274: Glance at 2012, 2017 and 2022 Indian Sulfone Polymers Value Market Share (%) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) ....327

3.4.3 Japan ............................................................ 328

3.4.3.1 Japanese Sulfone Polymers Market Overview by End-use Sector ................................ 329

3.4.3.2 Japanese Sulfone Polymers Market Analysis (2012-2022) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others ...330

Value Analysis ........................................................................ 331


Chart 279: Glance at 2012, 2017 and 2022 Japanese Sulfone Polymers Volume Market Share (%) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others ...332

3.4.3.3 Japanese Sulfone Polymers Market Analysis by Polymer Type ........................................ 333

Chart 281: Glance at 2012, 2017 and 2022 Japanese Sulfone Polymers Volume Market Share (%) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) ...334

Value Analysis ........................................................................ 335


Chart 283: Glance at 2012, 2017 and 2022 Japanese Sulfone Polymers Volume Market Share (%) by Polymer Type – Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU) in USD Million ..........336

3.4.3.4 Japanese Sulfone Polymers Product Type Market Overview by End-use Sector .............. 337

3.4.3.4.1 Japanese Sulfone Polymers Product Type Analysis (2012-2022) by End-use Sector – Aerospace & Military, Automotive, Building & Construction, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others in Metric Tons ...337
3.4.4 South Korea

3.4.4.1 South Korean Sulfone Polymers Market Overview by End-use Sector

3.4.4.2 South Korean Sulfone Polymers Market Overview by Polymer Type

3.4.5 Rest of Asia-Pacific

3.4.5.1 Rest of Asia-Pacific Sulfone Polymers Market

3.4.5.2 Rest of Asia-Pacific Sulfone Polymers Market Overview by Polymer Type

Value Analysis

Sulfone Polymers (PSU, PPSU & PESU) – A Global Market Overview
August 2016 | 400 Pages | 342 Charts | Price $4500

Click here to buy the report
About Industry Experts

Industry Experts values the most updated and accurate market research and industry analysis to provide unique market research reports for a broad range of industry verticals including Automotive, Transportation, Healthcare, Pharmaceuticals, Food & Beverages, Chemicals, Plastics, Materials, Consumer Goods, Retail, Biotechnology, Construction, Manufacturing and Other industries. Our research reports help our clients to identify and resolve topical issues by providing a complete picture of the market in their respective industry sectors. The Company’s rich collection of market research reports enable the companies to explore market drivers; forecast the future market; and to formulate the right strategies at the right time.

Industry Experts’ leading edge publications makes the life easy for corporate strategists, investors, analysts and researchers, start ups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

More about Industry Experts