High Temperature Insulation Materials Market by Type (Ceramic Fibers, Insulating Firebricks, Calcium Silicate), Temperature Range (600°C-1100°C, 1100°C-1500°C, 1500°C-1700°C, and 1700°C & Above), End-Use Industry, Region - Global Forecast to 2021

Description: “Increasing demand for high temperature insulation materials from the petrochemicals industry is driving the growth of the high temperature insulation materials market”

The high temperature insulation materials market is projected to reach USD 5.13 billion by 2021, at a CAGR of 8.3% between 2016 and 2021. Increasing demand for high temperature insulation materials from the petrochemicals industry is a major driver for this market. The petrochemicals industry accounts for nearly 70% of the total energy demand within the chemicals sector. Therefore, the growing need for energy savings is propelling the adoption of high temperature insulation materials from this industry.

However, several countries worldwide have strict regulations toward the use of ceramic fibers, as these fibers are carcinogenic in nature. These countries have formulated regulations regarding the occupational exposure limit for the production of ceramic fibers. This acts as a restraint to the growth of the high temperature insulation materials market.

“Insulating firebricks and other materials that include perlite, vermiculite, and microporous materials are the fastest-growing types of high temperature insulation materials”

Insulating firebricks and other materials (such as perlite, vermiculite, and microporous materials) segments are expected to register high growth in the high temperature insulation materials market. This is due to the increasing usage of high temperature insulation materials in varied industry verticals. Ceramic fibers are the largest type segment of the high temperature insulation materials market.

However, owing to their carcinogenic nature, the applicability of ceramic fibers is projected to decline in the near future.

“Asia-Pacific is the largest regional segment of the high temperature insulation materials market”

Asia-Pacific is the largest regional segment of the high temperature insulation materials market. Countries in this region such as China, India, Japan, and South Korea are witnessing a gradual increase in the use of high temperature insulation materials. The shift in the manufacturing base of several end-use industries, increase in foreign investments, and rise in the number of new manufacturing establishments in different sectors are key factors driving the growth of the high temperature insulation materials market in the Asia-Pacific region.

This study has been validated through primary interviews conducted with various industry experts, globally.

These primary sources have been divided in three categories: by company type, designation, and region:

- By Company Type: Tier 1 - 60%, Tier 2 - 20%, and Tier 3 - 20%
- By Designation: Director Level - 30%, C Level - 30%, and Others - 40%
- By Region: North America - 30%, Asia-Pacific - 50%, and Europe - 20%

The report also includes company profiles and competitive strategies adopted by major market players, such as Morgan Thermal Ceramics Plc (U.K.), Etex Group (Belgium), RHI AG (Austria), Luyang Energy-Savings Materials Co., Ltd. (China), 3M Company (U.S.), Isolite Insulating Products Co., Ltd. (Japan), Unifrax I LLC (U.S), Mitsubishi Plastics Inc. (Japan), Almatis GmbH (Germany), and Dyson Group Plc (U.K).

Research Coverage:

This research report categorizes the high temperature insulation materials market based on type, temperature range, end-use industry, and region. It forecasts revenue growth and includes an analysis of trends in each of the submarkets. It also includes company profiles and competitive strategies adopted by
major players operating in the high temperature insulation materials market.

Reasons to Buy this Report:

From an insight perspective, this research report has focused on various levels of analysis-industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the automotive interior materials market; high-growth regions; and market drivers, restraints, challenges, and opportunities.

The Report Provides Insights on the Following Pointers:

- Market Penetration: Comprehensive information on high temperature insulation materials types offered by top market players
- Product Development/Innovation: Detailed insights on emerging technologies, research & development (R&D) activities, and new product launches in the high temperature insulation materials market
- Market Development: Comprehensive information on lucrative emerging markets - the report analyzes the high temperature insulation materials market across regions
- Market Diversification: Exhaustive information about new products, untapped regions, recent developments, and investments in the high temperature insulation materials market
- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the high temperature insulation materials market

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Years Considered for the Study
   1.4 Currency
   1.5 Packaging
   1.6 Limitations
   1.7 Stakeholders

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
         2.1.1.1 Key Data From Secondary Sources
      2.1.2 Primary Data
         2.1.2.1 Key Data From Primary Sources
         2.1.2.2 Key Industry Insights
         2.1.2.3 Breakdown of Primary Interviews
   2.2 Market Size Estimation
   2.3 Data Triangulation
   2.4 Research Assumptions

3 Executive Summary

4 Premium Insights
   4.1 Attractive Opportunities in the High Temperature Insulation Materials Market
   4.2 Insulating Firebricks (IFB) to Be the Fastest Growing Segment Between 2016 and 2021
   4.3 Asia Pacific High Temperature Insulation Materials Market Share, By Region and End-Use Industry, 2015
   4.4 High Temperature Insulation Materials Market Attractiveness

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
      5.2.1 By Type
      5.2.2 By Temperature Range
      5.3.1 By End-Use Industry
   5.4 Market Dynamics
      5.4.1 Drivers
5.4.1.1 Growing Need for Energy Savings
5.4.1.2 Increasing Emission Control Regulations
5.4.1.3 Rapid Industrialization in Emerging Economies of Asia-Pacific
5.4.2 Restraints
5.4.2.1 Carcinogenic Nature of Ceramic Fibers
5.4.3 Opportunities
5.4.3.1 Development of Low Bio-Persistent Materials
5.4.3.2 Increasing Applications in the Aerospace and Automotive Industries
5.4.4 Challenges
5.4.4.1 Lack of New Players Likely to Limit Technological Advancements

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter's Five Forces Analysis
6.3.1 Threat of New Entrants
6.3.2 Bargaining Power of Buyers
6.3.3 Threat of Substitutes
6.3.4 Bargaining Power of Suppliers
6.3.5 Intensity of Rivalry
6.4 Macroeconomic Overview and Trends
6.4.1 Introduction
6.4.2 Trend of Production of Oil

7 High Temperature Insulation Materials Market, By Type
7.1 Introduction
7.2 Ceramic Fibers
7.2.1 Refractory Ceramic Fibers - RCF
7.2.2 Low Bio-Persistent Ceramic Fibers
7.2.3 Polycrystalline Ceramic Fibers
7.3 Insulating Firebricks (IFB)
7.3.1 Acidic Refractory Bricks
7.3.2 Neutral Refractory Bricks
7.3.3 Basic Refractory Bricks
7.4 Calcium Silicate
7.4.1 Lightweight Calcium Silicate
7.4.2 Medium Dense Calcium Silicate
7.4.3 Dense Calcium Silicate
7.5 Others
7.5.1 Perlite
7.5.2 Vermiculite
7.5.3 Microporous Materials

8 High Temperature Insulation Materials Market, By Temperature Range
8.1 Introduction
8.2 High Temperature Insulation Materials in Temperature Range 600-1,100°C
8.3 High Temperature Insulation Materials in Temperature Range 1100-1500°C
8.4 High Temperature Insulation Materials in Temperature Range 1,500-1,700°C
8.5 High Temperature Insulation Materials in Temperature Range 1,700°C and Above

9 High Temperature Insulation Materials : By End-Use Industry
9.1 Introduction
9.2 Petrochemicals
9.3 Ceramics
9.4 Glass
9.5 Aluminum
9.6 Iron & Steel
9.7 Cement
9.8 Refractory
9.9 Powder Metallurgy
9.10 Others

10 High Temperature Insulation Materials Market, By Region
10.1 Introduction
10.2 Asia-Pacific
  10.2.1 China
  10.2.2 Japan
  10.2.3 South Korea
  10.2.4 India
  10.2.5 Rest of Asia-Pacific
10.3 Europe
  10.3.1 Western Europe
    10.3.1.1 Germany
    10.3.1.2 France
    10.3.1.3 U.K.
    10.3.1.4 Rest of Western Europe
  10.3.2 Central & Eastern Europe
    10.3.2.1 Russia
    10.3.2.2 Turkey
    10.3.2.3 Rest of Central & Eastern Europe
10.4 North America
  10.4.1 U.S.
  10.4.2 Canada
  10.4.3 Mexico
10.5 South America
  10.5.1 Brazil
  10.5.2 Argentina
  10.5.3 Rest of South America
10.6 Middle East & Africa
  10.6.1 Saudi Arabia
  10.6.2 UAE
  10.6.3 Rest of Middle East & Africa

11 Competitive Landscape
  11.1 Overview
  11.2 Market Share Analysis
  11.3 New Product Launch and Expansion: the Most Popular Growth Strategies
  11.4 Competitive Situation and Trends
    11.4.1 New Product Launch
    11.4.2 Expansion
    11.4.3 Merger & Acquisition
    11.4.4 Joint Venture & Partnership

12 Company Profile
  12.1 Morgan Thermal Ceramics
  12.2 Luyang Energy-Saving Materials Co., Ltd.
  12.3 RHI AG
  12.4 Mitsubishi Plastics Inc.
  12.5 3M Company
  12.6 Isolite Insulating Products Co. Ltd.
  12.7 Etex Group
  12.8 Dyson Group PLC
  12.9 Unifrax I LLC
  12.10 Almatis GmbH
  12.11 Additional Company Profile
    12.11.1 BNZ Materials Inc.
    12.11.2 Pyrotek Inc.
    12.11.3 Hi-Temp Insulation Inc.
    12.11.4 Cotronics Corporation
    12.11.5 ADL Insulflex Inc.
    12.11.6 Insulcon Group
    12.11.7 M.E Schupp Industriekeramik GmbH & Co.
    12.11.8 Skamol A/S
    12.11.9 Ibiden Co., Ltd.
    12.11.10 Cellaris Ltd.
    12.11.11 ETS Schaefer Corp.
List of Tables

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>High Temperature Insulation Materials Market, By Type</td>
</tr>
<tr>
<td>2</td>
<td>High Temperature Insulation Materials Market, By Temperature Range</td>
</tr>
<tr>
<td>3</td>
<td>High Temperature Insulation Materials Market, By End-Use Industry</td>
</tr>
<tr>
<td>5</td>
<td>High Temperature Insulation Materials Market Size, By Type, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>6</td>
<td>High Temperature Insulation Materials Market Size, By Type, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>7</td>
<td>Ceramic Fibers Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>8</td>
<td>Ceramic Fibers Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>9</td>
<td>Insulating Firebricks Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>10</td>
<td>Insulating Firebricks Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>11</td>
<td>Calcium Silicate Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>12</td>
<td>Calcium Silicate Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>13</td>
<td>Others High Temperature Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>14</td>
<td>Others High Temperature Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>15</td>
<td>High Temperature Range Insulation Materials Market Size, By Temperature Range, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>16</td>
<td>High Temperature Range Insulation Materials Market Size, By Temperature Range, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>17</td>
<td>600-1,100°C Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>18</td>
<td>600-1,100°C Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>19</td>
<td>1,100-1,500°C Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>20</td>
<td>1,100-1,500°C Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>21</td>
<td>1,500-1,700°C Insulation Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>22</td>
<td>1500-1700°C Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>23</td>
<td>1,700°C and Above Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>24</td>
<td>1,700°C and Above Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>25</td>
<td>High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>26</td>
<td>High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>27</td>
<td>High Temperature Insulation Materials Market Size in Petrochemicals, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>28</td>
<td>High Temperature Insulation Materials Market Size in Petrochemicals, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>29</td>
<td>High Temperature Insulation Materials Market Size in Ceramics, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>30</td>
<td>High Temperature Insulation Materials Market Size in Ceramics, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>31</td>
<td>High Temperature Insulation Materials Market Size in Glass, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>32</td>
<td>High Temperature Insulation Materials Market Size in Glass, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>33</td>
<td>High Temperature Insulation Materials Market Size in Aluminum, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>34</td>
<td>High Temperature Insulation Materials Market Size in Aluminum, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>35</td>
<td>High Temperature Insulation Materials Market Size in Iron &amp; Steel, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>36</td>
<td>High Temperature Insulation Materials Market Size in Iron &amp; Steel, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>37</td>
<td>High Temperature Insulation Materials Market Size in Cement, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>38</td>
<td>High Temperature Insulation Materials Market Size in Cement, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>39</td>
<td>High Temperature Insulation Materials Market Size in Refractory, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>40</td>
<td>High Temperature Insulation Materials Market Size in Refractory, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>41</td>
<td>High Temperature Insulation Materials Market Size in Powder Metallurgy, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>42</td>
<td>High Temperature Insulation Materials Market Size in Powder Metallurgy, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>43</td>
<td>High Temperature Insulation Materials Market Size in Others, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>44</td>
<td>High Temperature Insulation Materials Market Size in Others, By Region, 2014-2021 (Kiloton)</td>
</tr>
<tr>
<td>45</td>
<td>High Temperature Insulation Materials Market Size, By Region, 2014-2021 (USD Million)</td>
</tr>
<tr>
<td>46</td>
<td>High Temperature Insulation Materials Market Size, By Region, 2014-2021 (Kiloton)</td>
</tr>
</tbody>
</table>
Table 48 Asia-Pacific: High Temperature Insulation Materials Market Size, By Type, 2014-2021 (USD Million)
Table 49 Asia-Pacific: High Temperature Range Insulation Materials Market Size, By Temperature, 2014-2021 (USD Million)
Table 50 Asia-Pacific: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 51 China: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 52 Japan: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 53 South Korea: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 54 India: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 55 Rest of Asia-Pacific: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 56 Europe: High Temperature Insulation Materials Market Size, By Country, 2014-2021 (USD Million)
Table 57 Europe: High Temperature Insulation Materials Market Size, By Type, 2014-2021 (USD Million)
Table 58 Europe: High Temperature Range Insulation Materials Market Size, By Temperature, 2014-2021 (USD Million)
Table 59 Europe: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 60 Germany: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 61 France: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 62 U.K.: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 63 Rest of Western Europe: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 64 Russia: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 65 Turkey: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 66 Rest of Central & Eastern Europe: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 67 North America: High Temperature Insulation Materials Market Size, By Country, 2014-2021 (USD Million)
Table 68 North America: High Temperature Insulation Materials Market Size, By Type, 2014-2021 (USD Million)
Table 69 North America: High Temperature Range Insulation Materials Market Size, By Temperature, 2014-2021 (USD Million)
Table 70 North America: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 71 U.S.: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 72 Canada: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 73 Mexico: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 74 South America: High Temperature Insulation Materials Market Size, By Country, 2014-2021 (USD Million)
Table 75 South America: High Temperature Insulation Materials Market Size, By Type, 2014-2021 (USD Million)
Table 76 South America: High Temperature Range Insulation Materials Market Size, By Temperature, 2014-2021 (USD Million)
Table 77 South America: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 78 Brazil: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 79 Argentina: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 80 Rest of South America: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 81 Middle East & Africa: High Temperature Insulation Materials Market Size, By Country, 2014-2021 (USD Million)
Table 82 Middle East & Africa: High Temperature Insulation Materials Market Size, By Type, 2014-2021 (USD Million)
Table 83 Middle East & Africa: High Temperature Range Insulation Materials Market Size, By Temperature, 2014-2021 (USD Million)
Table 84 Middle East & Africa: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 85 Saudi Arabia: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 86 UAE: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 87 Rest of Middle East & Africa: High Temperature Insulation Materials Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 88 New Product Launch, 2011-2016
Table 89 Expansion, 2011-2016
Table 90 Merger & Acquisition, 2011-2016
Table 91 Joint Venture & Partnership, 2011-2016

List of Figures
Figure 1 High Temperature Insulation Materials (HTI): Market Segmentation
Figure 2 High Temperature Insulation Materials Market: Research Design
Figure 3 Market Size Estimation: Top-Down Approach
Figure 4 Market Size Estimation: Bottom-Up Approach
Figure 5 High Temperature Insulation Materials: Data Triangulation
Figure 6 Asia-Pacific Dominated the Global High Temperature Insulation Materials Market in 2016
Figure 7 Asia-Pacific to Dominate the High Temperature Insulation Materials Market During the Forecast Period in Ceramic Fibers
Figure 8 600°C-1100°C is the Largest Temperature Range of the High Temperature Insulation Materials Market During Forecast Period
Figure 9 Petrochemicals Industry to Dominate the High Temperature Insulation Materials Market During the Forecast Period
Figure 10 High Temperature Insulation Materials Market to Witness Growth During the Forecast Period
Figure 11 China Accounted for the Largest Share of Asia-Pacific High Temperature Insulation Materials Market in 2015
Figure 12 China to Emerge as the Most Lucrative Market Between 2016 and 2021
Figure 13 Drivers, Restraints, Opportunities, and Challenges for the High Temperature Insulation Materials Market
Figure 14 High Temperature Insulation Materials Market: Impact Analysis, 2016-2021
Figure 15 Value Chain Analysis of the High Temperature Insulation Materials Market
Figure 16 Porter's Five Forces Analysis
Figure 17 U.S. Was the Major Global Oil Producer, Thousand Barrels Per Day, 2014-2015
Figure 18 IFB to Drive the High Temperature Insulation Materials Market Between 2016 and 2021
Figure 19 Asia-Pacific Projected to Be the Largest Market for Ceramic Fibers Till 2021
Figure 20 Asia-Pacific Dominates Market for Insulating Firebricks
Figure 21 Asia-Pacific is the Largest Market for Calcium Silicate
Figure 22 North America Projected to Witness Highest Growth in Other Insulation Materials Segment
Figure 23 High Temperature Insulation Materials Between Temperature Range 600-1,100°C Dominates the Market
Figure 24 Asia-Pacific Projected to Have the Highest Growth for High Temperature Insulation Materials in Temperature Range of 600-1,100°C
Figure 25 Asia-Pacific Projected to Have Highest Growth for Materials in Temperature Range 1100-1500°C Through 2021
Figure 26 Asia-Pacific is the Largest Market for High Temperature Insulation Materials in Temperature Range 1,500-1,700°C
Figure 27 Asia-Pacific Projected to Witness Highest CAGR for High Temperature Insulation Materials in Temperature Range 1,700°C and Above
Figure 28 Petrochemicals to Drive High Temperature Insulation Materials Market Between 2016 and 2021
Figure 29 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Petrochemicals Between 2016 and 2021
Figure 30 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Ceramics Between 2016 and 2021
Figure 31 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Glass Between...
2016 and 2021
Figure 32 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Aluminum Between 2016 and 2021
Figure 33 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Iron & Steel Between 2016 and 2021
Figure 34 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Cement Between 2016 and 2021
Figure 35 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Refractory Between 2016 and 2021
Figure 36 Asia-Pacific is to Be the Largest Market for High Temperature Insulation Materials in Powder Metallurgy Between 2016 and 2021
Figure 37 Asia-Pacific to Be the Largest Market for High Temperature Insulation Materials in Others Between 2016 and 2021
Figure 38 Regional Snapshot: Asia-Pacific to Emerge as A New Strategic Destination
Figure 39 Asia-Pacific Market Snapshot: China to Be the Largest and Fastest-Growing Market, 2016-2021
Figure 40 European Market Snapshot: Germany to Be the Largest Market, 2016-2021
Figure 41 North American Market Snapshot: U.S. to Be the Largest and Fastest-Growing Market, 2016-2021
Figure 42 South American Market Snapshot: Brazil to Be the Largest and Fastest-Growing Market, 2016-2021
Figure 43 Middle East & Africa Market Snapshot: UAE to Be the Largest and the Fastest-Growing Market, 2016-2021
Figure 44 Companies Adopted Expansion as the Key Growth Strategy, 2011-2016
Figure 45 High Temperature Insulation Materials Market Share Analysis
Figure 46 Key Growth Strategies in High Temperature Insulation Materials Market, 2011-2016
Figure 47 Morgan Thermal Ceramics PLC.: Company Snapshot
Figure 48 Morgan Thermal Ceramics PLC.: SWOT Analysis
Figure 49 Luyang Energy-Saving Materials Co., Ltd: SWOT Analysis
Figure 50 RHI AG: Company Snapshot
Figure 51 RHI AG.: SWOT Analysis
Figure 52 Mitsubishi Plastics Inc.: Company Snapshot
Figure 53 Mitsubishi Plastics Inc.: SWOT Analysis
Figure 54 3M Company: Company Snapshot
Figure 55 3M Company: SWOT Analysis
Figure 56 Isolite Insulating Products Co. Ltd.: Company Snapshot
Figure 57 Isolite Insulating Products Co. Ltd.: SWOT Analysis
Figure 58 Etex Group: Company Snapshot
Figure 59 Dyson Group PLC: Company Snapshot

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<table>
<thead>
<tr>
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</tr>
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