Guar Gum Market by Grade, Food Grade by Function, Application & Region - Global Trends & Forecasts to 2019

Description:
Guar Gum Market by Grade (Industrial, Food, Pharmacy), Food Grade by Function (Thickener, Stabilizer, Gelling, Fat Replacer, Coating), Application (Bakery, Confectionery, Dairy, Meat & Poultry, Beverage, Sauces) & Region - Global Trends & Forecasts to 2019

Guar gum is a natural gum extracted from guar seed. It has high natural viscosity, can be rapidly hydrated, and is freeze-thaw stable. The guar gum market has been segmented into different grades, various functions & applications of food grade guar gum, and regions. Different grades of guar gum are manufactured according to their industrial applications.

The growing demand from various industrial applications and the increasing demand for natural food additives are driving the guar gum market. Vulnerability to seasonal changes and imbalance in demand & supply of guar gum are the restraining factors of the guar gum market.

The increased consumption of convenience food is one of the significant factors stimulating the growth of the guar gum market. The guar gum is projected to be more than $9.7 billion by 2019. The market is dominated by North America due to growing demand of guar gum from the oil & gas drilling industry. The Asia-Pacific region is estimated to be the fastest-growing market for guar gum.

To maintain a competitive edge in the guar gum market, key players focus on the expansion of their production capacity. Some of the key players were also observed to be involved in new product launches to garner a larger share in the market. The report provides a complete analysis of key companies and a chronology of developments with respect to new products and their applications. It also analyzes the market dynamics, and issues faced by the leading players.

SCOPE OF THE REPORT
This report focuses on the guar gum industry, which is segmented on the basis of its grades, functions, applications, and regional markets.

Guar gum market

On the basis of grade, the market has been segmented as follows:
- Food grade
- Industrial grade
- Pharmacy grade
- Other industrial grade (textile printing, paper, tobacco, and photography)

On the basis of function, the food grade guar gum market has been segmented as follows:
- Thickener
- Stabilizer
- Gelling agent
- Fat replacer
- Coating material
- Others (emulsifier and binding agent)

On the basis of application, the food grade guar gum market has been segmented as follows:
- Bakery
- Confectionery
- Meat & poultry product
- Sauces & dressing
- Beverage
- Dairy & frozen product
- Others (soups, desserts, pasta, and noodles)

On the basis of region, the market has been segmented as follows:
- North America
5.1 Introduction
5.2 Value Chain Analysis
5.3 Supply Chain Analysis
5.4 Industry Trends
5.5 Pricing & Cost Analysis
5.6 Porter’s Five Forces Analysis
5.6.1 Threat of New Entrants
5.6.2 Threat of Substitutes
5.6.3 Bargaining Power of Suppliers
5.6.4 Bargaining Power of Buyers
5.6.5 Intensity of Competitive Rivalry
5.7 Strategic Benchmarking
5.7.1 Expansion

6 Market Overview
6.1 Introduction
6.2 Evolution of Guar Gum
6.3 Market Segmentation
6.3.1 Guar Gum Market, By Grade
6.3.2 Food Grade Guar Gum Market, By Application
6.3.3 Food Grade Guar Gum Market, By Function
6.4 Market Dynamics
6.4.1 Drivers
6.4.1.1 Growing Demand for Guar Gum in Oil & Gas Industry
6.4.1.2 Increasing Demand for Natural Food Additives
6.4.1.3 Multi-Functionality of Guar Gum Due to Its Properties
6.4.2 Restraints
6.4.2.1 Imbalance in Demand & Supply
6.4.2.2 Vulnerability to Seasonal Changes Restricts the Raw Material Production
6.4.2.3 Lack of Transparency and Market Information
6.4.3 Opportunities
6.4.3.1 Increased Consumption of Convenience Food
6.4.3.2 Emerging Markets Have Immense Potential
6.4.4 Challenges
6.4.4.1 Fluctuating Prices of Guar Gum
6.4.4.1.1 Dependence on Climate Conditions
6.4.4.1.2 Export-Oriented Commodity
6.4.4.1.3 Absence of Reliable Market Information
6.4.4.1.4 Market Speculations
6.4.4.2 Changing Climate Conditions

7 Guar Gum Market, By Grade
7.1 Introduction
7.2 Food Grade Guar Gum
7.3 Industrial Grade Guar Gum
7.4 Pharmacy Grade Guar Gum
7.5 Other Industrial Grade Guar Gum

8 Food Grade Guar Gum Market, By Function
8.1 Introduction
8.2 Thickener
8.3 Stabilizer
8.4 Gelling Agent
8.5 Fat Replacer
8.6 Coating Material
8.7 Other Functions

9 Food Grade Guar Gum Market, By Application
9.1 Introduction
9.2 Bakery
9.3 Confectionery
9.4 Meat & Poultry Products
9.5 Sauces & Dressings
9.6 Beverages
9.7 Dairy & Frozen Products
9.8 Other Applications

10 Guar Gum Market, By Region
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.2 Canada
10.2.3 Mexico
10.3 Europe
10.3.1 France
10.3.2 U.K.
10.3.3 Germany
10.3.4 Spain
10.3.5 Italy
10.3.6 Denmark
10.3.7 Russia
10.3.8 Rest of Europe
10.4 Asia-Pacific
10.4.1 India
10.4.2 China
10.4.3 Japan
10.4.4 Australia
10.4.5 Rest of Asia-Pacific
10.5 Rest of the World (ROW)
10.5.1 Brazil
10.5.2 Argentina
10.5.3 South Africa
10.5.4 Rest of the Countries of ROW

11 Competitive Landscape
11.1 Overview
11.2 Market Share Analysis of Guar Gum Market
11.3 Competitive Situation & Trends for Guar Gum Market
11.3.1 New Product Launches
11.3.2 Expansions & Investments
11.3.3 Agreements
11.3.4 Acquisitions

12 Company Profiles

(Company At A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)*

12.1 Introduction
12.1.1 Geographic Revenue Mix
12.2 Agro Gums
12.3 Ashland Inc.
12.4 Cargill, Incorporated
12.5 E. I. Du Pont De Nemours and Company
12.6 Fuerst Day Lawson
12.7 Lucid Group
12.8 Neelkanth Polymers
12.9 Penford Corporation
12.10 Polygal AG
12.11 Rama Industries
12.12 Tic Gums, Inc.
12.13 Vikas WSP Limited

*Details On Company At A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments Might Not Be Captured In Case Of Unlisted Companies.
13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide
13.3 Available Customizations
13.4 Related Reports

List of Tables (126)

Table 1 Maximum Usage Level of Guar Gum in Food Products
Table 2 Production Research for Guar Gum Adopted By Countries
Table 3 Factors Influencing the Supply Chain of Guar Gum Market
Table 4 Research & Development of Guar Gum is A Leading Trend in the Industry
Table 5 Increasing Health Consciousness Among Consumers is Propelling the Growth of Guar Gum Market
Table 6 Imbalance in Demand & Supply is Restraining the Growth Of Guar Gum Market
Table 7 Emerging Markets Are Paving New Growth Avenues for Players In the Guar Gum Market
Table 8 Fluctuating Prices of Guar Gum is the Major Challenge In the Guar Gum Market
Table 9 Different Grades of Guar Gum
Table 10 Guar Gum Market Size, By Grade, 2012-2019 ($Million)
Table 11 Guar Gum Market Size, By Grade, 2012-2019 (Tons)
Table 12 Food Grade Guar Gum Market Size, By Region, 2012-2019 ($Million)
Table 13 Food Grade Guar Gum Market Size, By Region, 2012-2019 (Tons)
Table 14 Function & Use of Guar Gum in Different Industry
Table 15 Industrial Grade Guar Gum Market Size, By Region, 2012-2019 ($Million)
Table 16 Industrial Grade Guar Gum Market Size, By Region, 2012-2019 (Tons)
Table 17 Function & Use of Guar Gum in the Pharmaceutical Industry
Table 18 Pharmacy Grade Guar Gum Market Size, By Region, 2012-2019 ($Million)
Table 19 Pharmacy Grade Guar Gum Market Size, By Region, 2012-2019 (Tons)
Table 20 Functions & Uses of Guar Gum in Other Industrial Applications
Table 21 Other Industrial Grade Guar Gum Market Size, By Region, 2012-2019 ($Million)
Table 22 Other Industrial Grade Guar Gum Market Size, By Region, 2012-2019 (Tons)
Table 23 Food Grade Guar Gum Market Size, By Function, 2012-2019 ($Million)
Table 24 Food Grade Guar Gum Market Size, By Function, 2012-2019 (Tons)
Table 25 North America: Food Grade Guar Gum Market Size, By Function, 2012-2019 ($Million)
Table 26 North America: Food Grade Guar Gum Market Size, By Function, 2012-2019 (Tons)
Table 27 Europe: Food Grade Guar Gum Market Size, By Function, 2012-2019 ($Million)
Table 28 Europe: Food Grade Guar Gum Market Size, By Function, 2012-2019 (Tons)
Table 29 Asia-Pacific: Food Grade Guar Gum Market Size, By Function, 2012-2019 ($Million)
Table 30 Asia-Pacific: Food Grade Guar Gum Market Size, By Function, 2012-2019 (Tons)
Table 31 ROW: Food Grade Guar Gum Market Size, By Function, 2012-2019 ($Million)
Table 32 ROW: Food Grade Guar Gum Market Size, By Function, 2012-2019 (Tons)
Table 33 Food Grade Guar Gum is Used as Thickeners in Various Food Products
Table 34 Food Grade Guar Gum as Thickener Market Size, By Region, 2012-2019 ($Million)
Table 35 Food Grade Guar Gum as Thickener Market Size, By Region, 2012-2019 (Tons)
Table 36 Food Grade Guar Gum as Stabilizer Market Size, By Region, 2012-2019 ($Million)
Table 37 Food Grade Guar Gum as Stabilizer Market Size, By Region, 2012-2019 (Tons)
Table 38 Food Grade Guar Gum as Gelling Agent Market Size, By Region, 2012-2019 ($Million)
Table 39 Food Grade Guar Gum as Gelling Agent Market Size, By Region, 2012-2019 (Tons)
Table 40 Food Grade Guar Gum as Fat Replacer Market Size, By Region, 2012-2019 ($Million)
Table 41 Food Grade Guar Gum as Fat Replacer Market Size, By Region, 2012-2019 (Tons)
Table 42 Food Grade Guar Gum as Coating Material Market Size, By Region, 2012-2019 ($Million)
Table 43 Food Grade Guar Gum as Coating Material Market Size, By Region, 2012-2019 (Tons)
Table 44 Other Functions of Food Grade Guar Gum Market Size, By Region, 2012-2019 ($Million)
Table 45 Other Functions of Food Grade Guar Gum Market Size, By Region, 2012-2019 (Tons)
Table 46 Maximum Usage Level of Guar Gum Permitted in Food Products By USFDA
Table 47 Function of Guar Gum in Different Food Products
Table 48 Food Grade Guar Gum Market Size, By Application, 2012-2019 ($Million)
Table 49 Food Grade Guar Gum Market Size, By Application, 2012-2019 (Tons)
Table 50 North America: Food Grade Guar Gum Market Size, By Application, 2012-2019 ($Million)
Table 51 North America: Food Grade Guar Gum Market Size, By Application, 2012-2019 (Tons)
Table 52 Europe: Food Grade Guar Gum Market Size, By Application, 2012-2019 ($Million)
Table 53 Europe: Food Grade Guar Gum Market Size, By Application, 2012-2019 (Tons)
Table 54 Asia-Pacific: Food Grade Guar Gum Market Size, By Application, 2012-2019 ($Million)
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 55</td>
<td>Asia-Pacific: Food Grade Guar Gum Market Size, By Application, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 56</td>
<td>ROW: Food Grade Guar Gum Market Size, By Application, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 57</td>
<td>Food Grade Guar Gum in Bakery Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 58</td>
<td>Food Grade Guar Gum in Confectionery Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 59</td>
<td>Food Grade Guar Gum in Meat &amp; Poultry Products Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 60</td>
<td>Food Grade Guar Gum in Sauces &amp; Dressings Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 61</td>
<td>Food Grade Guar Gum in Beverage Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 62</td>
<td>Food Grade Guar Gum in Dairy &amp; Frozen Products Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 63</td>
<td>Food Grade Guar Gum in Meat &amp; Poultry Products Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 64</td>
<td>Food Grade Guar Gum in Other Applications Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 65</td>
<td>Food Grade Guar Gum in Other Applications Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 66</td>
<td>Food Grade Guar Gum in Meat &amp; Poultry Products Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 67</td>
<td>Food Grade Guar Gum in Meat &amp; Poultry Products Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 68</td>
<td>Food Grade Guar Gum in Other Applications Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 69</td>
<td>Food Grade Guar Gum in Meat &amp; Poultry Products Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 70</td>
<td>Food Grade Guar Gum in Meat &amp; Poultry Products Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 71</td>
<td>Food Grade Guar Gum in Other Applications Market Size, By Region, 2012–2019 ($Million)</td>
</tr>
<tr>
<td>Table 72</td>
<td>Food Grade Guar Gum in Other Applications Market Size, By Region, 2012–2019 (Tons)</td>
</tr>
<tr>
<td>Table 73</td>
<td>Guar Gum Market Size, By Region, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 74</td>
<td>Guar Gum Market Size, By Region, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 75</td>
<td>North America: Guar Gum Market Size, By Country, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 76</td>
<td>North America: Guar Gum Market Size, By Country, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 77</td>
<td>U.S.: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 78</td>
<td>U.S.: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 79</td>
<td>Canada: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 80</td>
<td>Canada: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 81</td>
<td>Mexico: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 82</td>
<td>Mexico: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 83</td>
<td>Europe: Guar Gum Market Size, By Country, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 84</td>
<td>Europe: Guar Gum Market Size, By Country, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 85</td>
<td>France: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 86</td>
<td>France: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 87</td>
<td>U.K.: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 88</td>
<td>U.K.: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 89</td>
<td>Germany: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 90</td>
<td>Germany: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 91</td>
<td>Spain: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 92</td>
<td>Spain: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 93</td>
<td>Italy: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 94</td>
<td>Italy: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 95</td>
<td>Denmark: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 96</td>
<td>Denmark: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 97</td>
<td>Russia: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 98</td>
<td>Russia: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 99</td>
<td>Rest of Europe: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 100</td>
<td>Rest of Europe: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 101</td>
<td>Asia-Pacific: Guar Gum Market Size, By Country, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 102</td>
<td>Asia-Pacific: Guar Gum Market Size, By Country, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 103</td>
<td>India: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 104</td>
<td>India: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 105</td>
<td>China: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 106</td>
<td>China: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 107</td>
<td>Japan: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 108</td>
<td>Japan: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 109</td>
<td>Australia: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 110</td>
<td>Australia: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 111</td>
<td>Rest of Asia-Pacific: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 112</td>
<td>Rest of Asia-Pacific: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 113</td>
<td>Feasible Financing Strategies for Achievement of MDG in Latin America and Caribbean Countries</td>
</tr>
<tr>
<td>Table 114</td>
<td>ROW: Guar Gum Market Size, By Country, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 115</td>
<td>ROW: Guar Gum Market Size, By Country, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 116</td>
<td>Brazil: Guar Gum Market Size, By Grade, 2012-2019 ($Million)</td>
</tr>
<tr>
<td>Table 117</td>
<td>Brazil: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
<tr>
<td>Table 118</td>
<td>Argentina: Guar Gum Market Size, By Grade, 2012-2019 (Tons)</td>
</tr>
</tbody>
</table>
Table 118 Argentina: Guar Gum Market Size, By Grade, 2012-2019 (Tons)
Table 119 South Africa: Guar Gum Market Size, By Grade, 2012-2019 ($Million)
Table 120 South Africa: Guar Gum Market Size, By Grade, 2012-2019 (Tons)
Table 121 Rest of the Countries: Guar Gum Market Size, By Grade, 2012-2019 ($Million)
Table 122 Rest of the Countries: Guar Gum Market Size, By Grade, 2012-2019 (Tons)
Table 123 New Product Launches, 2011-2012
Table 124 Expansions & Investments, 2012-2014
Table 125 Agreements, 2011-2014
Table 126 Acquisitions, 2010-2014

List of Figures (81 Figures)

Figure 1 Guar Gum Market Segmentation
Figure 2 Guar Gum Market: Research Methodology
Figure 3 Impact of Key Factors Influencing the Parent Industry
Figure 4 Market Size for Hydraulic Fracturing in Oil & Gas Has Increased From 2007 to 2011
Figure 5 RTE, Snacks & Savory Products Segments Held ~35% in the Food Sector in 2013
Figure 6 Production of Guar is Directly Proportional to Rainfall
Figure 7 Market Size Estimation Methodology: Bottom-Up Approach
Figure 8 Market Size Estimation Methodology: Top-Down Approach
Figure 9 Assumption of the Research Study
Figure 10 Limitations of the Research Study
Figure 11 Evolution of Guar Gum
Figure 12 Guar Gum Market Snapshot (2014 vs. 2019): Industrial Grade is Estimated to Be the Largest Market
Figure 13 Guar Gum Market Share (Value), Geographical Overview
Figure 14 Asia-Pacific to Be the Fastest-Growing Market for Food Grade Guar Gum
Figure 15 Share of the Leading Companies in the Guar Gum Market
Figure 16 Emerging Economies Are Paving New Opportunities for Guar Gum Market
Figure 17 Food Grade Guar Gum as A Fat Replacer to Grow at the Highest Rate
Figure 18 Industrial Grade Guar Gum Captured the Major Share in the Asia-Pacific Market
Figure 19 U.S. Commands Over One-Third of the Market
Figure 20 Developing Markets to Grow Faster Than Developed Markets
Figure 21 Dairy & Frozen Products Dominate All Other Applications of Food Grade Guar Gum
Figure 22 Industrial Grade Guar Gum Imposes Long-Term Impact on Guar Gum Market
Figure 23 Asia-Pacific Market is in Exponential Growth Phase (2013)
Figure 24 Value Chain of Guar Gum Market
Figure 25 Supply Chain of Guar Gum Market
Figure 26 Drastic Change in Prices of Guar Gum Was Witnessed in India, 2012
Figure 27 Porter's Five Forces Analysis
Figure 28 Strategic Benchmarking: Key Market Players Largely Adopted Expansion & Investment to Expand Their Business
Figure 29 Evolution of Guar Gum
Figure 30 Guar Gum Market, By Grade
Figure 31 Food Grade Guar Gum Market, By Application
Figure 32 Food Grade Guar Gum Market, By Function
Figure 33 Multi-Functionality of Guar Gum Drives the Guar Gum Market
Figure 34 Changing Consumption Trend of Guar Gum
Figure 35 Fluctuation in Total Production of Guar, 2008-2012
Figure 36 Production of Guar is Directly Proportional to Rainfall, 2008-2011
Figure 37 Industrial Grade Segment Dominates the Guar Gum Market
Figure 38 Increase in Demand for Natural Food Additive Drives the Market for Food Grade Guar Gum
Figure 39 North America is the Largest Market for Industrial Grade Guar Gum
Figure 40 Fat Replacer is the Fastest-Growing Function of Food Grade Guar Gum
Figure 41 Food Grade Guar Gum as Thickener Dominated the Market in North America
Figure 42 Thickener is the Major Function of Food Grade Guar Gum
Figure 43 Gelling is the Second-Largest Function of Food Grade Guar Gum
Figure 44 North America Dominated the Market for Food Grade Guar Gum as Fat Replacer
Figure 45 Application of Guar Gum in Confectionery is the Fastest-Growing Market
Figure 46 Asia-Pacific is the Fastest-Growing Market for Food Grade Guar Gum in Bakery
Figure 47 Asia-Pacific is Projected to Have High Growth Rate for Food Grade Guar Gum in the Confectionery Market
Figure 48 North America Dominated the Market for Food Grade Guar Gum in Dairy & Frozen Products
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Guar Gum Market by Grade, Food Grade by Function, Application &amp; Region - Global Trends &amp; Forecasts to 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/3081128/">http://www.researchandmarkets.com/reports/3081128/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SC</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐  Mrs ☐  Dr ☐  Miss ☐  Ms ☐  Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number: 833 130 83
Sort code: 98-53-30
Swift code: ULSBIE2D
IBAN number: IE78ULSB98533083313083
Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp