

2011 Deep Research Report on China LOW-E Glass Industry

Hard Copy: 1800 USD

PDF: 1800 USD

Global License: 3800USD

Pages: 120

Tables and Figures: 121

Published Date : Nov 3, 2011

Publisher: QYResearch Wind Energy Research Center

Contact: Mr. Zhang Dong 86-10-82945717; 86-13811796901, sales@qyresearch.com

Summary

“2011 Deep Research Report on China LOW-E Glass Industry” was professional and depth research report on China Low-E Glass(LOW-Emissivity Glass) industry. This report has firstly introduced Low-E Glass (Include Offline Online LOW-E GLASS) definition classification industry chain etc related information. Then introduced Low-E Glass manufacturing technology analysis, And then summary statistics of China 26 manufacturers 2009-2015 Low-E Glass capacity production supply demand shortage and Low-E Glass selling price cost profit margin and production value, and also introduced offline online Low-E Glass production market share, and different thickness (4-12mm) production market share, Offline(Single Silver Double Silver Triple Silver) production market share and China supply demand shortage etc information, and then introduced China major Low-E Glass Companies basic information, 2009-2015 Low-E Glass capacity production price cost profit margin and production value etc details information. In the end, this report introduced 2 million square meter offline low-e glass and 4 million square meter online low-e glass project feasibility analysis and investment return analysis, also give related research conclusions and development trend analysis of China Low-E Glass industry. In a word, it was a depth research report on China Low-E Glass industry. And thanks to the support and assistance from Low-E Glass industry chain manufacturers and government related agencies etc related experts and enterprises during QYResearch Team survey and interview.

Table of Contents

Chapter One LOW-E GLASS Industry Overview	1
1.1 Offline LOW-E Glass	2
1.1.1 Definition	2
1.1.2 Classification and Application	3
1.1.3 Industry Chain Structure	4
1.2 Online LOW-E GLASS	6
1.2.1 Definition	6
1.2.2 Classification and Application	7
1.2.3 Industry Chain Structure	8
1.3 Online Offline LOW-E Glass Comparison Analysis	9
 Chapter Two LOW-E Glass Manufacturing Technology and Process	 13
2.1 Offline LOW-E Glass Manufacturing Technology and Process	13
2.2 Online LOW-E GLASS Manufacturing Technology and Process	14
2.3 Offline LOW-E Glass(Single Silver) Cost Structure	14
2.4 Online LOW-E GLASS Cost Structure	15
 Chapter Three LOW-E GLASS Production Supply Sales Demand Market Status and Forecast	 16
3.1 LOW-E GLASS Production Supply Overview	16
3.2 Online Offline Different Thickness Single Silver Double Silver LOW-E GLASS Productions Overview	21
3.3 LOW-E GLASS Demand	25
3.4 LOW-E GLASS Supply Demand and Shortage	29
3.5 LOW-E GLASS Cost Price Production Value Profit Margin	29
 Chapter Four China LOW-E GLASS Key Manufacturers	 30
4.1 CSG Holding (Shenzhen Single Silver Double Silver Offline LOW-E)	30
4.2 Xinyi Glass (Dongguan Single Silver Double Silver Triple Silver Online LOW-E Offline LOW-E)	35
4.3 SYP Glass (Shanghai Single Silver Double Silver Online Offline LOW-E)	38
4.4 Taiwan Glass (Jiangsu Kunshan Single Silver Double Silver Offline LOW-E)	42
4.5 Blue Star Glass (Weihai Online Offline LOW-E)	44
4.6 Saint-Gobain (Shanghai Single Silver Double Silver Offline LOW-E)	48
4.7 North Glass (Luoyang Offline LOW-E Single Silver Double Silver)	51
4.8 Sanxin Glass (Huizhou Single Silver Double Silver Offline LOW-E Online LOW-E)	54
4.9 Qingdao Jinjing (Qingdao Single Silver Double Silver Offline LOW-E)	59
4.10 Kibing Group (Zhangzhou Online LOW-E)	62
4.11 Huadong Coating Glass (Suzhou Single Silver Offline LOW-E)	66
4.12 Zhongli Holding (Zhejiang Single Silver Double Silver Offline LOW-E)	68
4.13 Yaohua Glass (Qinhuangdao Single Silver Double Silver Offline LOW-E Online LOW-E)	71
4.14 AGC (Dalian Online LOW-E)	74

4.15 Doya Glass (Zhejiang Shaoxing Single Silver Offline LOW-E)	77
4.16 Grand Glass (Zhongshan Single Silver Double Silver Triple Silver Offline LOW-E)	81
4.17 Xinfuxing Glass (Fuzhou Single Silver Offline LOW-E)	84
4.18 Fuyao Group (Fuzhou Single Silver Offline LOW-E)	89
4.19 Shanghai Xingsha (Shanghai Single Silver Double Silver Offline LOW-E)	92
4.20 Shengda Coating Glass (Shandong Zibo Single Silver Offline LOW-E)	96
4.21 Mingda Glass (Xiamen Single Silver Double Silver Offline LOW-E)	99
4.22 Beijing Glorious Future Glass (Qingdao Single Silver Double Silver Offline LOW-E)	101
4.23 Dongtai China Glass (Jiangsu Dongtai Single Silver Online LOW-E)	105
4.24 Kejing Glass (Shandong Single Silver Offline LOW-E)	107
4.25 SINEW Material (Beijing Hebei Tianjin Single Silver Double Silver Offline LOW-E)	110
4.26 Yingxin Glass (Hebei Single Silver Offline LOW-E)	114
Chapter Five China LOW-E GLASS Project Investment Feasibility Analysis	117
5.1 LOW-E GLASS Project Opportunities and Risks Analysis	117
5.2 Offline LOW-E Glass Project Investment Feasibility Analysis	117
5.3 Online LOW-E GLASS Project Investment Feasibility Analysis	118
Chapter Six China LOW-E GLASS Industry Research Conclusions	119

Tables and Figures

Figure LOW-E Glass Energy Conservation Principle	1
Table LOW-E GLASS Development History List	1
Figure Offline LOW-E Glass Pictures	2
Table Offline LOW-E Glass Classification and Application List	3
Figure Offline LOW-E Glass Hierarchical Structure	4
Figure Offline LOW-E Single Silver Glass Hierarchical Structure	5
Figure Offline LOW-E Double Silver Glass Hierarchical Structure	5
Figure Offline LOW-E Glass Industry Chain Structure	6
Figure Online LOW-E GLASS Pictures	7
Table Online LOW-E GLASS Classification and Application List	7
Figure Online LOW-E Glass Hierarchical Structure	8
Figure Online LOW-E GLASS Industry Chain Structure	9
Table Online LOW-E Glass and Offline LOW-E Glass Specifications Comparison	9
Table Online Offline(Soft-coat) Offline(Hard-coat) LOW-E GLASS Specifications Comparison List	12
Figure Offline LOW-E Glass Manufacturing Technology and Process Flow	13
Figure Online LOW-E GLASS Manufacturing Technology and Process Flow	14
Table 2011 China Offline LOW-E Glass(Single Silver) Cost Structure (RMB/Square Meter)	15
Table 2011 China Online LOW-E GLASS Cost Structure (RMB/M2)	15
Table 2009-2015 China 26 Manufacturers LOW-E GLASS Capacity and Total Capacity (10K M2) List	16

Table 2009-2015 China 26 Manufacturers LOW-E GLASS Capacity Market Share List	17
Table 2009-2015 China 26 Manufacturers LOW-E GLASS Production and Total Production (10K M2) List	17
Table 2009-2015 2009-2015 China 26 Manufacturers LOW-E GLASS Production Market Share List	18
Figure 2009-2015 China LOW-E GLASS Capacity Production (10K M2) and Growth Rate	20
Table 2009-2015 China LOW-E GLASS Capacity Utilization Rate List	20
Table 2009-2015 China 7 Manufacturers Online LOW-E GLASS Production and Total Production (10K M2) List	21
Table 2009-2015 China 7 Manufacturers Online LOW-E GLASS Production Market Share List	21
Table 2009-2015 China 23 Manufacturers Offline LOW-E Glass Production and Total Production (10K M2) List	21
Table 2009-2015 2009-2015 China 23 Manufacturers Offline LOW-E Glass Production Market Share List	22
Table 2009-2015 China Online Offline LOW-E Glass Production (10K M2) and Market Share List	23
Table 2009-2015 China 5mm 6mm Thickness Online LOW-E GLASS Production (10K M2) and Market Share List	23
Table 2009-2015 China 4mm 5mm 6mm 8mm 10mm 12mm Thickness Offline LOW-E Glass Production (10K M2) and Market Share List	24
Table 2009-2015 China 4mm 5mm 6mm 8mm 10mm 12mm Thickness LOW-E GLASS Production (10K M2) and Market Share List	24
Table 2009-2015 China Single Silver Double Silver Triple Silver Offline LOW-E Glass Production (10K M2) and Market Share List	25
Table 2009 China 31 Provinces Real Estate Sales Area (10K M2) List	25
Table 2010 China 31 Provinces Real Estate Sales Area (10K M2) List	26
Figure 2011 Germany UK France Poland USA Korea Japan China LOW-E GLASS Using Rate (%)	28
Table 2009-2015 China LOW-E GLASS Demand (100Million M2) List	28
Table 2009-2015 China LOW-E GLASS Supply Demand and Shortage (10K M2) List	29
Table 2009-2015 China LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	29
Table CSG Holding Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	30
Table 2009-2015 CSG Holding LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	33
Figure 2009-2015 CSG Holding LOW-E GLASS Capacity Production (10K M2) and Growth Rate	34
Table Xinyi Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	35
Table 2009-2015 Xinyi Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	37
Figure 2009-2015 Xinyi Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate	

38

Table SYP Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 38

Table 2009-2015 SYP Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 41

Figure 2009-2015 SYP Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 41

Table Taiwan Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 42

Table 2009-2015 Taiwan Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 43

Figure 2009-2015 Taiwan Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 44

Table Blue Star Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 44

Table 2009-2015 Blue Star Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 47

Figure 2009-2015 Blue Star Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 48

Table Saint-Gobain Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 48

Table 2009-2015 Saint-Gobain LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 50

Figure 2009-2015 Saint-Gobain LOW-E GLASS Capacity Production (10K M2) and Growth Rate 50

Table North Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 51

Table 2009-2015 North Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 53

Figure 2009-2015 North Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 54

Table Sanxin Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 55

Table 2009-2015 Sanxin Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 58

Figure 2009-2015 Sanxin Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 59

Table Qingdao Jinjing Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 59

Table 2009-2015 Qingdao Jinjing LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 61

Figure 2009-2015 Qingdao Jinjing LOW-E GLASS Capacity Production (10K M2) and Growth Rate 61

Table Kibing Group Company Information List (Basic Information Products Customers Market

Position Capacity Manufacturing Base etc 13 Items)	62
Table 2010-2015 Kibing Group LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	64
Table 2010-2015 Kibing LOW-E GLASS Capacity Production (10K M2) and Growth Rate	65
Table Huadong Coating Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	66
Table 2009-2015 Huadong Coating Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	67
Figure 2009-2015 Huadong Coating Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate	68
Table Zhongli Holding Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	68
Table 2009-2015 Zhongli Holding LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	70
Figure 2009-2015 Zhongli Holding LOW-E GLASS Capacity Production (10K M2) and Growth Rate	71
Table Yaohua Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	72
Table 2009-2015 Yaohua Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	73
Figure 2009-2015 Yaohua Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate	74
Table AGC Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	74
Table AGC Online LOW-E GLASS Product Specifications List	75
Table 2009-2015 AGC LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	76
Figure 2009-2015 AGC LOW-E GLASS Capacity Production (10K M2) and Growth Rate	77
Table Doya Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	78
Table 2009-2015 Doya Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	80
Figure 2009-2015 Doya Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate	81
Table Grand Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	81
Table 2009-2015 Grand Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	83
Figure 2009-2015 Grand Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate	84
Table Xinfuxing Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items)	84
Table 2010-2015 Xinfuxing Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List	88

Figure 2010-2015 Xinfuxing Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 89

Table Fuyao Group Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 89

Table 2009-2015 Fuyao Group LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 91

Figure 2009-2015 Fuyao Group LOW-E GLASS Capacity Production (10K M2) and Growth Rate 92

Table Shanghai Xingsha Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 93

Table 2011-2015 Shanghai Xingsha LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 95

Figure 2011-2015 Shanghai Xingsha LOW-E GLASS Capacity Production (10K M2) and Growth Rate 95

Table Shengda Coating Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 96

Table 2010-2015 Shengda Coating Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 98

Figure 2010-2015 Shengda Coating Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 99

Table Mingda Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 99

Table 2009-2015 Mingda Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 100

Figure 2009-2015 Mingda Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 101

Table Beijing Glorious Future Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 101

Table 2009-2015 Beijing Glorious Future Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 103

Figure 2009-2015 Beijing Glorious Future Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 104

Table Dongtai China Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 105

Table 2011-2015 Dongtai China Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 106

Figure 2011-2015 Dongtai China Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 107

Table Kejing Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 107

Table 2009-2015 Kejing Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 109

Figure 2009-2015 Kejing Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 110

Table SINEW Material Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 110

Table 2010-2015 SINEW Material LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 113

Figure 2010-2015 SINEW Material LOW-E GLASS Capacity Production (10K M2) and Growth Rate 114

Table Yingxin Glass Company Information List (Basic Information Products Customers Market Position Capacity Manufacturing Base etc 13 Items) 114

Table 2011-2015 Yingxin Glass LOW-E GLASS Production (10K M2) Price Cost Profit (RMB/M2) Production Value (10K RMB) Profit Margin List 116

Figure 2011-2015 Yingxin Glass LOW-E GLASS Capacity Production (10K M2) and Growth Rate 116

Table 2011 China LOW-E GLASS Project Opportunities and Risks List 117

Table 2Million Square Meter Offline LOW-ESingle Silver Glass Project Investment Feasibility Analysis List 118

Table 4Million Square Meter Online LOW-E GLASS Project Investment Feasibility Analysis List 118