Smart Windows Materials Markets 2015 - 2022

Description: From the perspective of materials suppliers, it is believed that the smart windows market continues to offer important opportunities. We are seeing older technologies - such as photochromics - become more competitive with the dominant SPD and electrochromic materials and there are also entirely new materials such as hydrogels and versioned display materials that are beginning to play in the smart windows space. We are also impressed with the recent willingness of deep pocket investors and other well-known firms to get involved in the smart windows space.

With these developments in mind, this report identifies and quantifies the opportunities in the smart windows materials space. It contains a granular eight-year forecast in both volume and value terms as well as an assessment of the strategies being deployed in this market by notable firms. The technologies/materials covered in this report include electrochromic, photochromic, hydrogel, thermochromic. PDLC, SPD, hydrogels, pixel-based technologies and microblinds.

The forecasts and analysis cover not only the active smart materials used in these technologies, but also the substrate materials; both plastic and glass. We also examine changing manufacturing patterns within the smart windows sector. In addition, this report analyzes a number of different business models being used in the smart windows sector and shows how materials play into the total smart windows value chain.

This report quantifies the markets for smart windows materials used in buildings, as well as in transportation. It provides eight-year forecasts for smart windows materials, with breakouts for the various types of materials used in each application. It also discusses the business models currently being employed by the firms in smart windows materials business.

Contents:

Executive Summary
E.1 Changes in Markets and Technologies Since Our Previous Report: The Comfort Factor
E.1.1 More Materials Enter the Smart Windows Space
E.1.2 Technology as Market Differentiator: Of Multi-functionality and Niches
E.2 Materials Opportunities in the Electrochromic Windows Space: Mid-Term Future for Smart Windows
E.2.1 EC Opportunity # 1: New Materials
E.2.2 EC Opportunity # 2: Wet Coating
E.3 Materials Opportunities in SPD Windows: The Once and Future?
E.4 Materials Opportunities in Photochromic Windows: Not Much Going On
E.4.1 Photochromic Opportunity # 1: New Markets with Old Materials
E.4.2 Photochromic Opportunity # 2: Improving on Existing Materials
E.4.3 Photochromic Opportunity # 3: Hybrid Photochromic/EC Platforms
E.5 Materials Opportunities in Thermochromic Windows: Many Kinds of Materials
E.5.1 Thermochromic Materials
E.6 Materials Opportunities in PDLC: Privacy Windows
E.6.1 PDLC Materials
E.7 Opportunities for Novel Materials: Hydrogels, Micro-blinds and Versioned Display Technologies
E.7.1 Hydrogels: Possible Platform for Multi-Functional Smart Windows
E.7.2 Electrophoretic and Electrowetting Technologies: Reversioning Displays
E.7.3 The Future of Micro-blinds
E.8 Firms to Watch in the Smart Windows Materials Space
E.8.1 Technology Providers: Critical Specifiers and Start-ups
E.8.2 Glass Companies: What Will China Do?
E.8.3 Specialty Chemical Companies: Waiting in the Wings
E.8.4 Can Display Firms Make Money in Smart Windows
E.9 Summary of Eight-Year Forecasts for Smart Windows Materials

Chapter One: Introduction
1.1 Background to This Report
1.1.1 Feeling Comfortable with Smart Windows: The Market Begins
1.1.2 Materials at Core: The Comfort Imperative
4.4.2 Malaysia: Dopants for Vanadium Dioxide
4.4.3 China and Japan: Nanoscale Vanadium Dioxide and Thermochromic Polymers
4.4.4 Europe: Smart Thermochromic Photovoltaic Window
4.5 Eight-Year Forecasts of Thermochromic Materials in Smart Windows
4.6 Key Points Made in this Chapter

Chapter Five: Suspended Particle Devices (SPD)
5.1 SPD: Materials Platforms
5.2 Role of Research Frontiers
5.2.1 Applications Potential
5.3 Manufacturing of SPD by Hitachi and Others
5.4 Assessment of SPD Technology Performance
5.4.1 R&D Directions for SPD Technology Performance
5.5 Eight-Year Forecasts of SPD Materials in Smart Windows
5.5.1 Financial Performance of RFI
5.5.2 What comes next for SPD?
5.5.3 Eight-Year Forecasts of SPD
5.6 Key Points Made in this Chapter

Chapter Six: PDLC Privacy Glass
6.1 PLC: Trends and Uses
6.1.1 Technology, Variations and Future Improvements
6.1.2 The Dark Side of PDLC
6.1.3 PDLC: Likely Technology Developments
6.1.4 Scinstry and NPD-LCD
6.2 The PDLC Supply Chain
6.2.1 Systems Integrators
6.2.2 PDLC and the Glass Companies: NSG, Saint-Gobain and Isoclima
6.2.3 PDLC at Toray
6.3 PDLC in the Automobile Industry
6.4 Eight-Year Forecasts of PDLC Materials in Smart Windows
6.5 Key Points Made in this Chapter

Chapter Seven: Emerging Materials Platforms for Smart Windows
7.1 Alternatives to Current Smart Windows Platforms
7.2 Hydrogels for Smart Windows?
7.2.1 Likely Technology and Market Evolution
7.2.2 On the Potential for Multifunctional Coatings Using Hydrogels
7.2.3 East China University of Science and Technology (China)
7.2.4 Dong-A University (Korea)
7.2.5 Fraunhofer IAP (Germany)
7.3 Smart Windows from E-Paper Technology: University of Cincinnati
7.3.1 Electrophoretic Smart Windows
7.3.2 Electrowetting Smart Windows
7.4 Micro-blinds
7.4.1 Materials and Manufacturing for Micro-blinds
7.4.2 Performance Claims and Possible Applications
7.4.3 The Commercial Future of Micro-Blinds
7.5 Merck, Peer+ and Licrivision
7.5.1 Acquisition of Peer+
7.5.2 LC Smart Windows Technology
7.6 The Commercial Future of New Smart Windows Materials
7.7 Key Points Made in this Chapter

Chapter Eight: Summary of Eight-Year Forecasts of Smart Windows Materials
8.1 Background to Forecasts
8.2 Summary of Eight-Year Market Forecast by Type of Smart Windows Technology
8.3 Eight-Year Forecast by Substrate Technology
8.4 Eight-year Forecast of Smart Materials Used by Coating/Printing Technology

About the Author

List of Exhibits
Exhibit E-1: Comparison of Smart Windows Materials and Technologies
Exhibit E-2: Market Niche Potential by Type of Materials Platform
Exhibit E-3: Possibilities for Multi-functional Smart Windows Materials Platform
Exhibit E-4: Adding Value to the EC Smart Windows Platform
Exhibit E-5: Firms to Watch in the Smart Windows Market
Exhibit E-6: Customer Choice Possibilities in the Smart Windows Materials Markets
Exhibit E-7: Market for Smart Windows Materials ($ Millions)
Exhibit 2-1: Materials Platform Evolution in the Electrochromic Windows Market
Exhibit 2-2: Commercial Electrochromic Materials for Smart Windows
Exhibit 2-3: Eight-Year Forecast of Electrochromic Materials for Smart Windows
Exhibit 3-1: Eight-Year Forecast of Photochromic Materials for Smart Windows
Exhibit 4-1: Eight-Year Forecast of Thermochromic Materials for Smart Windows
Exhibit 5-1: Selected SPD Licensees
Exhibit 5-2: SPD Specifications
Exhibit 5-3: Potential for Improvement in the SPD Materials Platform
Exhibit 5-4: Eight-Year Forecast of SPD Materials for Smart Windows
Exhibit 6-1: Eight-Year Forecast of PDLC Materials for Smart Windows
Exhibit 7-1: Eight-Year Forecast of Other Materials for Smart Windows ($ Millions)
Exhibit 8-1: Eight-Year Forecast of Active Smart Windows Materials by Type ($ Millions)
Exhibit 8-2: Eight-Year Forecast of Passive Smart Windows Materials by Type ($ Millions)
Exhibit 8-3: Eight-Year Forecast of Passive Smart Windows Materials by Active/Passive Technology ($ Millions)
Exhibit 8-4: Eight-Year Forecast of Smart Windows by Primary Substrate Materials ($ Millions)
Exhibit 8-5: Eight-Year Forecast of Passive Smart Windows Materials by Coating/Printing Technology Used ($ Millions)

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