

# U.S. Polymethyl Methacrylate (PMMA) Film And Sheet Market Analysis By Application (Construction, Automotive Parts, Consumer Electronics, Signages), Trends & Dynamics, Competitive Strategies, & Segment Forecasts, 2014 - 2025

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## Abstracts

The U.S. polymethyl methacrylate (PMMA) film & sheet market is expected to reach USD 1.11 Billion by 2025, according to a new report by Grand View Research, Inc. The proliferation of high-speed internet has driven online retail and shopping trends, positively impacting the demand for LED displays and communication signage in physical retail stores, to compete with these virtual outlets.

PMMA film & sheet are increasingly being utilized to design unique, innovative and aesthetically appealing advertising displays. Increasing consumer consciousness regarding sustainability has driven the demand for communication media materials with high biodegradability, lower toxicity, and emissions.

The automotive sector has also been utilizing increasing amounts of the material for lightweight component manufacturing, LED illumination applications and other molding compound or fabrication in interiors & exteriors. Stringent federal regulations implemented by the Environmental Protection Agency (EPA) and California Air Resources Board (CARB) are also driving the demand for lightweight automotive components & materials.

Signage & displays occupied the highest volume share of around 33% in 2015 in the films segment. Growing demand for optoelectronics and specialized media & communication displays is a major driving factor in the U.S. Furthermore, a shift in trend towards digital marketing and growing awareness regarding paper wastage has

contributed to segment growth.

Further key findings from the report suggest:

PMMA film & sheet demand in the U.S. was estimated at over 178 kilo tons in 2015 and is expected to grow at a CAGR of 3% over the forecast period

Signage & displays emerged as the largest application segment for films in 2015 and is estimated to occupy over 32% volume share by 2025

Construction applications are also expected to remain a significant application, owing to increasing demand for glass substitutes that do not shatter under impact and offer protection & safety for building residents

Automotive parts are expected to be the fastest growing segment with a CAGR of 4.5 % from 2016 to 2025 owing to increasing demand for lightweight and durable structural components

Top players Evonik Industries, Arkema Group and Lucite International accounted for about 70% of the market share in 2015

Prime companies such as Arkema Inc. and Lucite International have made large investments in R&D towards improving production processes by reducing costs & improving efficiency

New projects have also been undertaken for producing bio-PMMA from plant sugars to meet sustainability criterion

Other significant participants include Unigel Group, Plazit-Polygal group, Polyone Corporation and Plaskolite

## Contents

### **CHAPTER 1 METHODOLOGY AND SCOPE**

- 1.1 Research methodology
- 1.2 Research scope and assumptions
- 1.3 List of data sources
- 1.4 List of abbreviations

### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Market summary

### **CHAPTER 3 U.S. PMMA FILM & SHEET MARKET VARIABLES, TRENDS & SCOPE**

- 3.1 Market segmentation & scope
- 3.2 Penetration & growth prospect mapping, 2014 - 2025
- 3.3 U.S. PMMA market - value chain analysis
- 3.4 Raw material trend
  - 3.4.1 PMMA resin average selling price, 2012 - 2015
  - 3.4.2 PMMA resin import volume & value, 2012 - 2015
    - 3.4.2.1 U.S. PMMA import volume & value, by country, 2012 - 2015
- 3.5 Regulatory framework
- 3.6 Technology overview
- 3.7 U.S. PMMA market dynamics
  - 3.7.1 Market driver analysis
    - 3.7.1.1 Bio-PMMA penetration in end-use industries
    - 3.7.1.2 Rapidly growing end-use industries
  - 3.7.2 Market restraint analysis
    - 3.7.2.1 Raw material price volatility
    - 3.7.2.2 Toxic nature of key raw material MMA
- 3.8 Key opportunities prioritized
  - 3.8.1 New market avenues
- 3.9 Industry analysis - Porter's
- 3.10 U.S. PMMA market - PESTEL analysis

### **CHAPTER 4 U.S. PMMA FILM & SHEET MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

#### 4.1 Application market introduction, 2015 & 2025

#### 4.2 PMMA films

4.2.1 Market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

4.2.2 Market estimates & forecast, by application, 2014 - 2025 (Kilo Tons) (USD Million)

4.2.2.1 Construction

4.2.2.2 Automotive Parts

4.2.2.3 Consumer Electronics

4.2.2.4 Signage & Displays

4.2.2.5 Others

#### 4.3 PMMA sheets

4.3.1 Market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

4.3.2 Market estimates & forecast, by application, 2014 - 2025 (Kilo Tons) (USD Million)

4.3.2.1 Construction

4.3.2.2 Furniture

4.3.2.3 Automotive Parts

4.3.2.4 Consumer Electronics

4.3.2.5 Signage & Displays

4.3.2.6 Medical & Healthcare

4.3.2.7 Others

## CHAPTER 5 COMPETITIVE LANDSCAPE

5.1 U.S. PMMA company (brands) market share analysis, 2014

5.2 Vendor landscape

5.3 Competitive environment

5.4 Strategy framework

5.4.1 Top five customers of PMMA films & sheets

5.4.1.1 Akripol

5.4.1.2 General Motors

5.4.1.3 Cleanup Corporation

5.4.1.4 Acivico

5.4.1.5 Reynold Polymer Technology, Inc.

## CHAPTER 6 COMPANY PROFILES

6.1 Plexiglas

6.1.1 Company Overview

- 6.1.2 Financial Performance
- 6.1.3 Industries and Services Catered
- 6.1.4 Product Benchmarking
- 6.1.5 Strategic Initiatives
- 6.2 Altuglas
  - 6.2.1 Company Overview
  - 6.2.2 Financial Performance
  - 6.2.3 Industries and Services Catered
  - 6.2.4 Product Benchmarking
- 6.3 Acrylite
  - 6.3.1 Company Overview
  - 6.3.2 Financial Performance
  - 6.3.3 Industries and Services Catered
- 6.4 Optix
  - 6.4.1 Company Overview
  - 6.4.2 Financial Performance
  - 6.4.3 Industries and Services Catered
  - 6.4.4 Product Benchmarking
  - 6.4.5 Strategic Initiatives
- 6.5 Perspex
  - 6.5.1 Company Overview
  - 6.5.2 Financial Performance
  - 6.5.3 Industries and Services Catered
- 6.6 Polycast
  - 6.6.1 Company Overview
  - 6.6.2 Financial Performance
  - 6.6.3 Industries and Services Catered
  - 6.6.4 Product Benchmarking
  - 6.6.5 Strategic Initiatives
- 6.7 Chemcast
  - 6.7.1 Company Overview
  - 6.7.2 Financial Performance
  - 6.7.3 Industries and Services Catered
  - 6.7.4 Product Benchmarking
- 6.8 PLAZCRYL
  - 6.8.1 Company Overview
  - 6.8.2 Financial Performance
  - 6.8.3 Industries and Services Catered
  - 6.8.4 Product Benchmarking

## List Of Tables

### LIST OF TABLES

- Table 1 PMMA resin average selling price, 2012 - 2015 (USD/kg)
- Table 2 PMMA resin import volume & value, 2012 - 2015 (Tons) (USD Million)
- Table 3 U.S. PMMA import volume, by country, 2012 - 2015 (Tons)
- Table 4 U.S. PMMA import value, by country, 2012 - 2015 (USD Million)
- Table 5 Key international regulations & their impact on the PMMA industry
- Table 6 PMMA films market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)
- Table 7 PMMA films market volume, by application, 2014 - 2025 (Tons)
- Table 8 PMMA films market revenue, by application, 2014 - 2025 (USD Million)
- Table 9 PMMA sheets market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)
- Table 10 PMMA sheets market volume, by application, 2014 - 2025 (Tons)
- Table 11 PMMA sheets market revenue, by application, 2014 - 2025 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 U.S. PMMA market summary
- Fig. 2 U.S. PMMA market volume, 2015
- Fig. 3 U.S. PMMA market segmentation
- Fig. 4 U.S. PMMA market volume & revenue, 2014 - 2025 (Kilo Tons) (USD Million)
- Fig. 5 U.S. PMMA value chain analysis
- Fig. 6 U.S. PMMA market dynamics
- Fig. 7 U.S. PMMA market driver impact
- Fig. 8 Commercial vehicles sales & number of registered vehicles in the U.S., 2005 to 2014 (Million Units)
- Fig. 9 U.S. construction spending, 2008 - 2015 (USD Million)
- Fig. 10 U.S. PMMA market restraint impact
- Fig. 11 Acetone weekly price trend analysis, January 2015 to February 2015 (USD/million ton)
- Fig. 12 Key opportunities prioritized - U.S. PMMA films
- Fig. 13 Key opportunities prioritized - U.S. PMMA sheets
- Fig. 14 U.S. PMMA market - Porter's analysis
- Fig. 15 PESTEL analysis
- Fig. 16 U.S. PMMA market volume by product, 2015 & 2025

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