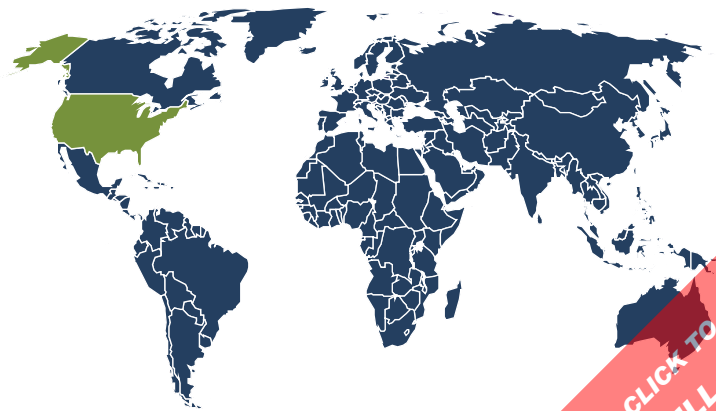




Freedonia Focus Reports  
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# Polypropylene: United States

July 2016



## Highlights

### Market Environment

Historical Trends | Key Economic Indicators | Price Trends | Trade | Technology  
Processing Methods

### Segmentation and Forecasts

Markets

### Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

### Resources

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts US polypropylene (PP) resin demand in pounds to 2020. Total demand is segmented by market in terms of:

- packaging
- consumer and institutional
- transportation
- furniture and furnishings
- building and construction
- other markets such as electrical and electronic, and industrial and machinery.

Recycled PP resin is excluded from the scope of this report. Re-exports of PP resin are excluded from demand figures.

To illustrate historical trends, total demand, production, and the various demand segments are provided in annual series from 2005 to 2015.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or  $r^2$ . The most stable data series relative to the trend carries an  $r^2$  value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

### Sources

*Polypropylene: United States* (FF55018) represents the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies

- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

## Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007 North American Industry Classification System		SIC Standard Industry Codes	
325211	Plastics Material and Resin Mfg	2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
326113	Unlaminated Plastics Film and Sheet (except Packaging) Mfg	3081	Unsupported Plastics Film and Sheet

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## RESOURCES

### The Freedonia Group

[www.freedoniagroup.com](http://www.freedoniagroup.com)

#### Related Industry Studies

*3405 Plastic Foams*, June 2016

[see study contents](#)

*3342 World Plastics Processing Machinery*, November 2015

[see study contents](#)

*3336 Custom Thermoplastic Compounding*, October 2015

[see study contents](#)

*3242 Engineering Plastics*, April 2015

[see study contents](#)

*3243 Plastic Film*, January 2015

[see study contents](#)

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*Furniture: United States*

[see report contents](#)

*Packaging: United States*

[see report contents](#)

*Thermoplastic Resins: United States*

[see report contents](#)

*Transport Equipment: United States*

[see report contents](#)

#### Freedonia Custom Research

[see capabilities](#)

### Trade Publications

*Compounding World*

[www.compoundingworld.com](http://www.compoundingworld.com)

*Journal of Plastic Film & Sheeting*

<http://jpf.sagepub.com>

*Plastics & Rubber Weekly*

[www.prw.com](http://www.prw.com)

*Plastics Distributor & Fabricator Magazine*

[www.plasticsmag.com](http://www.plasticsmag.com)

*Plastics Engineering*

[www.plasticsengineering.org](http://www.plasticsengineering.org)

*Plastics News*

[www.plasticsnews.com](http://www.plasticsnews.com)

*Plastics Technology*

[www.ptonline.com](http://www.ptonline.com)

*Plastics Today*

[www.plasticstoday.com](http://www.plasticstoday.com)

*PolymerTrack*

[www.polymertrack.com](http://www.polymertrack.com)

*Rubber & Plastics News*

[www.rubbernews.com](http://www.rubbernews.com)

*The SPI Magazine*

[www.plasticsindustry.org/magazine](http://www.plasticsindustry.org/magazine)

### Agencies & Associations

American Chemistry Council

[www.americanchemistry.com](http://www.americanchemistry.com)

The Association of Plastic Recyclers

[www.plasticsrecycling.org](http://www.plasticsrecycling.org)

International Association of Plastics Distribution

[www.iapd.org](http://www.iapd.org)

International Cast Polymer Association

<http://theicpa.com>

Society of Plastics Engineers

[www.4spe.org](http://www.4spe.org)

SPI: The Plastics Industry Trade Association

[www.plasticsindustry.org](http://www.plasticsindustry.org)

United States Census Bureau

[www.census.gov](http://www.census.gov)

United States International Trade Commission

[www.usitc.gov](http://www.usitc.gov)

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