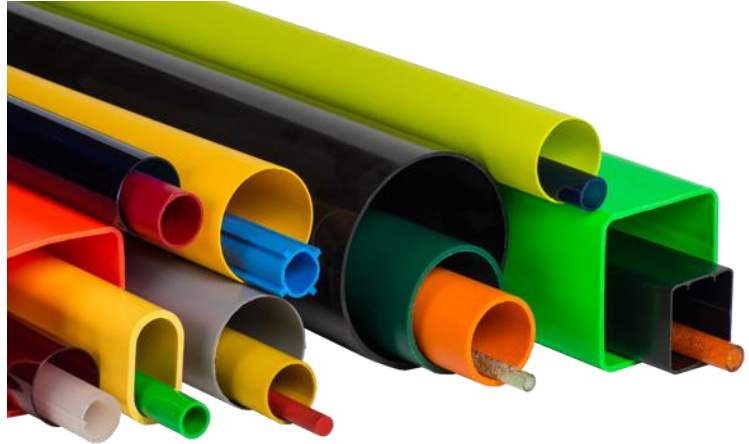
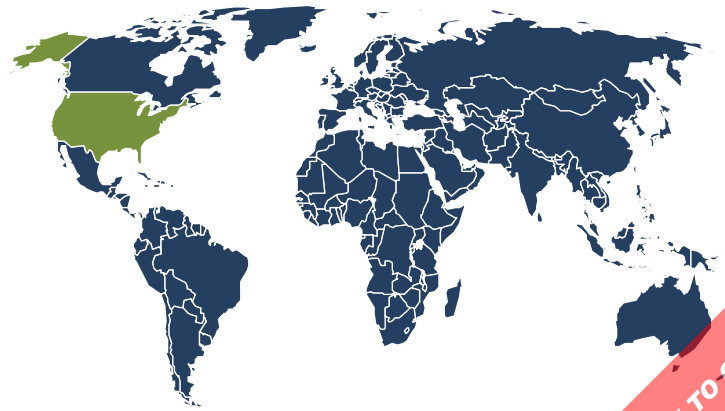


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# Custom Compounded Thermoplastics: United States

October 2015



## Highlights

### Market Environment

Historical Trends | Key Economic Indicators | Regulatory and Environmental Factors  
Pricing Trends

### Segmentation and Forecasts

Resins | Markets

### Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

### Resources

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts US custom compounded thermoplastics demand in pounds to 2019. Total demand is segmented by resin in terms of:

- polyvinyl chloride (PVC)
- engineering thermoplastics
- polypropylene
- polyethylene
- thermoplastic elastomers (TPE)
- other resins such as polystyrene, polyethylene terephthalate (PET), and acrylics.

Demand includes only the resin content of thermoplastic compounds. The scope of this report does not include thermoset resins or compounds.

Total demand is also segmented by market as follows:

- construction
- motor vehicles
- consumer and medical
- other markets such as electrical and electronic equipment, wire and cable, and packaging.

To illustrate historical trends, total demand is provided in an annual series from 2004 to 2014; and the various segments are reported at five-year intervals for 2009 and 2014.

This report quantifies trends in various measures of growth. 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. 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 at five-year intervals with CAGRs for the years corresponding to other reported figures. 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

*Custom Compounded Thermoplastics: United States* (FF55033) is based on [Custom Thermoplastic Compounding](#), a comprehensive industry study published by The Freedonia Group in October 2015. Reported findings represent 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 industry 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		SIC	
North American Industry Classification System		Standard Industry Codes	
325211	Plastics Material and Resin Manufacturing	2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
325991	Custom Compounding of Purchased Resins	3087	Custom Compounding of Purchased Plastics Resins

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## RESOURCES

### The Freedonia Group, Inc

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3336 <i>Custom Thermoplastic Compounding</i> , October 2015	<a href="#">see study contents</a>
Related Industry Studies	
3272 <i>World Plastic Pipe</i> , July 2015	<a href="#">see study contents</a>
3278 <i>Fluoropolymers</i> , June 2015	<a href="#">see study contents</a>
3242 <i>Engineering Plastics</i> , April 2015	<a href="#">see study contents</a>
3243 <i>Plastic Film</i> , January 2015	<a href="#">see study contents</a>
3210 <i>World Polyethylene</i> , October 2014	<a href="#">see study contents</a>
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<i>Lightweight Automotive Materials: North America</i>	<a href="#">see report contents</a>
<i>Plastic Film: United States</i>	<a href="#">see report contents</a>
<i>Plastic Pipe: United States</i>	<a href="#">see report contents</a>
<i>World Polyethylene</i>	<a href="#">see report contents</a>
<i>World Thermoplastic Elastomers</i>	<a href="#">see report contents</a>
Freedonia Custom Research, Inc	<a href="#">see capabilities</a>

### Trade Publications

<i>Chemical &amp; Engineering News</i>	<a href="http://cen.acs.org">http://cen.acs.org</a>
<i>Compounding World</i>	<a href="http://compoundingworld.com">http://compoundingworld.com</a>
<i>ICIS Chemical Business</i>	<a href="http://www.icis.com">www.icis.com</a>
<i>IHS Chemical Week</i>	<a href="http://www.chemweek.com">www.chemweek.com</a>
<i>Plastics News</i>	<a href="http://www.plasticsnews.com">www.plasticsnews.com</a>
<i>Plastics Technology</i>	<a href="http://www.ptonline.com">www.ptonline.com</a>
<i>Plastics Today</i>	<a href="http://www.plasticstoday.com">www.plasticstoday.com</a>

### Agencies & Associations

American National Standards Institute	<a href="http://www.ansi.org">www.ansi.org</a>
National Electrical Manufacturers Association	<a href="http://www.nema.org">www.nema.org</a>
Occupational Safety and Health Administration	<a href="http://www.osha.gov">www.osha.gov</a>
Underwriters Laboratories	<a href="http://www.ul.com">www.ul.com</a>
United States Census Bureau	<a href="http://www.census.gov">www.census.gov</a>
United States Department of Defense	<a href="http://www.defense.gov">www.defense.gov</a>
United States Food and Drug Administration	<a href="http://www.fda.gov">www.fda.gov</a>
United States International Trade Commission	<a href="http://www.usitc.gov">www.usitc.gov</a>
United States Pharmacopeial Convention	<a href="http://www.usp.org">www.usp.org</a>

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