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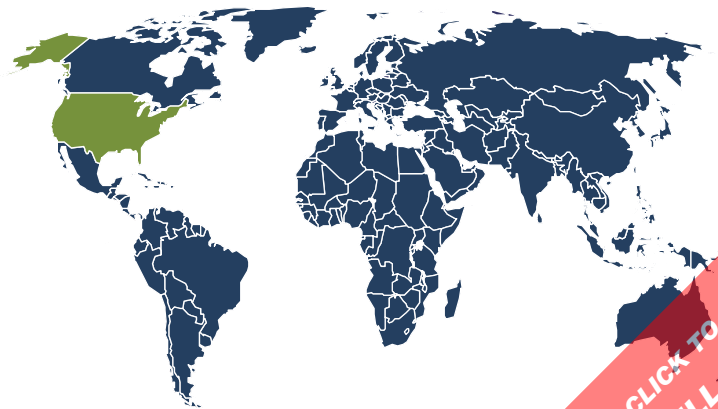


Engineering

Plastic Resins:

United States

April 2015



Highlights

Market Environment

Historical Market Size and Trends | Key Economic Indicators
Regulatory and Environmental Factors | Trade

Segmentation and Forecasts

Resins | Markets

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts US engineering plastic resin demand in pounds to 2019. Total demand is segmented by type of resin in terms of:

- nylon
- acrylonitrile-butadiene-styrene (ABS)
- polycarbonate
- thermoplastic polyester
- other resins such as polyacetal, fluoropolymers, and polyphenylene oxide.

Demand includes only plastic resin content; fillers, additives, and reinforcements are excluded. As such, the terms engineering plastics and engineering plastic resins are used interchangeably throughout this report. Demand figures include both captive and external consumption.

Styrenic copolymers other than ABS, which are sometimes considered to be engineering plastics, are not covered in this report. These excluded copolymers include resins such as styrene-acrylonitrile, acrylonitrile-styrene-acrylate, styrene-maleic-anhydride, and methacrylate-butadiene-styrene. In addition, fluoroelastomers are not considered engineering plastics for the purposes of this report and are excluded from fluoropolymer totals.

Total demand is also segmented by market as follows:

- motor vehicles
- electrical and electronic
- medical and consumer
- construction
- other markets such as industrial, packaging, and non-motor vehicle transport equipment.

To illustrate historical trends, total demand is provided in an annual series from 2004 to 2014; 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

Engineering Plastic Resins: United States (FF55039) is based on [Engineering Plastics](#), a comprehensive industry study published by The Freedonia Group in April 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 Mfg	2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers

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