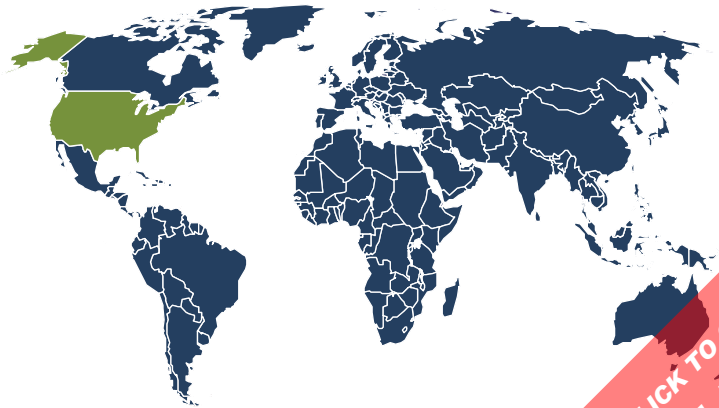




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High-Temperature Plastics: United States

June 2013



Highlights

Industry Overview

Market Size and Trends | Resin Segmentation | Market Segmentation
Competitive Materials | Regulatory and Environmental Issues

Demand Forecasts

Market Environment | Resin Forecasts | Market Forecasts

Industry Structure

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ABOUT THIS REPORT

Scope & Method

This report forecasts US high-temperature plastics demand in pounds and US dollars at the manufacturers' level to 2017. Total demand in dollars is segmented by resin in terms of:

- fluoropolymers
- sulfone polymers
- polyimides
- polyphenylene sulfide (PPS)
- other resins such as high-performance polyamides, liquid crystal polymers, and polyketones.

High-temperature plastics are defined as melt-processable resins that have a continuous service temperature of 300 degrees Fahrenheit or greater. All demand for these resins is included, irrespective of whether the resin is utilized in a high-temperature environment. For high-temperature plastic compounds, only the volume and value of the resin portion is included.

Total demand in dollars is also segmented by market as follows:

- electrical and electronic
- industrial
- transportation equipment
- medical
- other markets such as consumer and construction.

To illustrate historical trends, total demand is provided in an annual series from 2002 to 2012, while the various segments are reported at five-year intervals for 2007 and 2012. Forecasts emanate from the identification and analysis of pertinent statistical relationships and other historical trends/events as well as their expected progression/impact over the forecast period. Changes in quantities between reported years of a given total or segment are typically provided in terms of five-year compound annual growth rates (CAGRs). For the sake of brevity, forecasts are generally stated in smoothed CAGR-based descriptions to the forecast year, such as "demand is projected to rise 3.2% annually through 2017." The result of any particular year over that period, however, may exhibit volatility and depart from a smoothed, long-term trend, as historical data typically illustrate.

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

High-Temperature Plastics: United States is based on [High-Temperature Plastics](#), a comprehensive industry study published by The Freedonia Group in June 2013. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- The Freedonia Group Consensus Forecasts dated April 2013
- 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

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