



Freedonia Focus Reports  
Global Collection

# Thermoplastic Elastomers: Canada

May 2018



CLICK TO ORDER  
FULL REPORT

**BROCHURE**

CLICK TO ORDER  
FULL REPORT

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

# Table of Contents

---

<b>1. Highlights</b>	<b>3</b>
<b>2. Market Environment</b>	<b>4</b>
Historical Trends	4
Key Economic Indicators	5
Technology	6
Environmental & Regulatory Factors	7
NAFTA Outlook	8
<b>3. Segmentation &amp; Forecasts</b>	<b>10</b>
Products	10
Thermoplastic Polyolefins	12
Styrenic Block Copolymers	12
Polyolefin Elastomers	13
Thermoplastic Vulcanizates	14
Other Products	14
Markets	16
Motor Vehicles	17
Asphalt & Roofing	17
Adhesives, Sealants, & Coatings	18
Consumer Goods	19
Other Markets	19
<b>4. Industry Structure</b>	<b>21</b>
Industry Characteristics	21
Market Leaders	22
Exxon Mobil	22
Kraton	23
Mitsui Chemicals	23
<b>5. About This Report</b>	<b>24</b>
Scope & Method	24
Sources	25
Industry Codes	25
Resources	26

# List of Tables & Figures

---

Figure 1   Canada: Key Trends in the Thermoplastic Elastomer Market, 2017 – 2022	3
Figure 2   Canada: Thermoplastic Elastomer Demand Trends, 2007 – 2017	4
Table 1   Canada: Key Indicators for Thermoplastic Elastomer Demand, 2007 – 2022 (2016US\$ bil)	5
Figure 3   NAFTA: Thermoplastic Elastomer Demand by Country, 2017 (%)	8
Figure 4   Canada: Thermoplastic Elastomer Demand by Product, 2007 – 2022 (000 m tons)	10
Table 2   Canada: Thermoplastic Elastomer Demand by Product, 2007 – 2022 (000 m tons)	10
Table 3   Canada: Thermoplastic Elastomer Supply & Demand, 2007 – 2022 (000 m tons)	11
Figure 5   Canada: Thermoplastic Elastomer Demand by Product, 2007 – 2022 (%)	15
Figure 6   Canada: Thermoplastic Elastomer Demand by Market, 2007 – 2022 (000 m tons)	16
Table 4   Canada: Thermoplastic Elastomer Demand by Market, 2007 – 2022 (000 m tons)	16
Figure 7   Canada: Thermoplastic Elastomer Demand by Market, 2007 – 2022 (%)	20
Table 5   Canada: Selected Suppliers to the Thermoplastic Elastomer Market	22
Table 6   NAICS & SIC Codes Related to Thermoplastic Elastomers	25

# About This Report

---

## Scope & Method

This report forecasts to 2022 thermoplastic elastomer (TPE) demand and production in metric tons in Canada. Total TPE demand is also forecasted to 2022 in US dollars at the manufacturer level. Total demand by volume is segmented by product in terms of:

- thermoplastic polyolefins
- styrenic block copolymers
- polyolefin elastomers
- thermoplastic vulcanizates
- other products such as thermoplastic polyurethanes and copolyester elastomers

Total demand by volume is also segmented by market as follows:

- motor vehicles
- asphalt and roofing
- adhesives, sealants, and coatings
- consumer goods
- other markets such as industrial products, packaging, and medical products

To illustrate historical trends, total demand by volume is provided in annual series from 2007 to 2017; total production, total demand by value, and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

For the purposes of this report, a TPE is defined as any thermoplastic material that exhibits elastomeric properties; TPEs offer the functional performance characteristics of thermoset rubber, but are processed using the methods and machinery of rigid thermoplastics. Styrenic block copolymers that do not exhibit elastomeric properties (i.e., high styrene products that contain roughly 60% or more styrene) are excluded from this report's scope.

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.

## About This Report

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2017. All figures cited are in US dollars unless otherwise specified.

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

*Thermoplastic Elastomers: Canada* (FA50015) is based on *Global Thermoplastic Elastomers Market*, a comprehensive industry study published by The Freedonia Group. 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 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

Table 6 | NAICS & SIC Codes Related to Thermoplastic Elastomers

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
325211	Plastics Material and Resin Manufacturing	2821	Plastics Materials, Synthetic and Resins, and Nonvulcanizable Elastomers
325212	Synthetic Rubber Manufacturing	2822	Synthetic rubber

Source: US Census Bureau

## Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

## Resources

### The Freedonia Group

*Global Thermoplastic Elastomers*, May 2018

### Freedonia Industry Studies

*Adhesives & Sealants in the US*, April 2018

*Global Industrial Rubber Products Market*, February 2018

*Silicones Market in the US*, February 2018

*Global Plastics Processing Machinery*, January 2018

*North America Automotive Aftermarket*, November 2017

*Nonwovens Market in the US*, August 2017

*Global Silicones Market*, June 2017

*Global Flame Retardants Market*, February 2017

### Freedonia Focus Reports

*Adhesives & Sealants: United States*

*Asphalt: United States*

*Footwear: United States*

*Global Light Vehicles*

*Industrial Rubber Products: Canada*

*Plastics Processing Machinery: Canada*

*Polyvinyl Chloride: United States*

*Rubber: United States*

### Freedonia Custom Research

### Trade Publications

*Automotive News*

*Automotive World*

*Medical Plastics News*

*Plastics News*

*Rubber & Plastics News*

*3dprint.com*

### Agencies & Associations

American Chemical Society

Canadian Plastics Industry Association

Society of Chemical Industry

Statistics Canada

United Nations Statistics Division