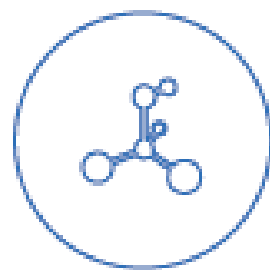


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## PPE: Market Dynamics – Propylene & Derivatives 2016

**Propylene & Derivatives Volume V: Propylene, Propylene Oxide, Isopropanol and Acrylonitrile** is one in a series of annual reports published as part of the **Petroleum and Petrochemical Economics (PPE)** program.

This report provides an in-depth analysis and forecast of supply and demand of various propylene derivatives. The report also provides an overview of the propylene industry.

**Volume V: Propylene, Propylene Oxide, Isopropanol and Acrylonitrile**

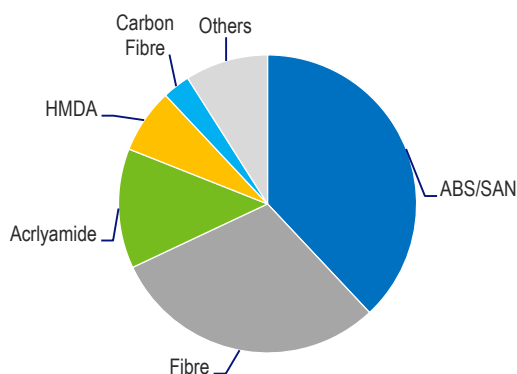
**Published: June 2016**

### Abstract:

Propylene consumption growth was 3.9 percent in 2015, driven mainly by polypropylene and propylene oxide, and geographically focused in Asia, the Middle East and Africa.

Acrylonitrile production growth has been very low due to the long term substitution trend with other fibres. The fibre sector enjoyed a minor renaissance in 2010 due to cotton shortages, which in turn pushed up prices for all other fibres. This trend has reversed, with lower cotton prices and massive overcapacity in the polyester fibre industry, which has forced acrylic fibre out of all applications, which do not require its particular UV and weather resistance, or hand/texture characteristics in apparel uses. The ABS sector and the acrylamide industry are now the major growth drivers for acrylonitrile, and while carbon fibre represents good potential long term growth, current volumes are small. Although global growth for acrylonitrile is relatively weak, there is considerable geographical development underway, with major new plants in Asia undermining export-based capacity in regions such as the United States.

### Global Acrylonitrile Demand by End-Use, 2015-e



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Chapters 3 to 6 are segmented by key geographic region:

- North America
- South America
- Western Europe
- Central and Eastern Europe
- Middle East and Africa
- Asia Pacific

Each region/country is further segmented by:

- Consumption: Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- Supply: Includes a list of all producers, their production capacity, location, etc, and discussion of the status of new projects.
- Supply, Demand and Trade: Provides historical analysis and forecasts to 2035 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

NexantThinking™ Online Database includes supply, demand and trade analysis for over 40 countries.

**New** in this report is inclusion of Vietnam in the supply, demand and trade analysis and extension of the forecast period to 2035 (from 2030).

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