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## POPS: Global Bimodal HDPE Market - 2017

The PolyOlefins Planning Service (POPS) is a subscription providing detailed and insightful analysis of the global polyethylene and polypropylene business since the 1990s.

POPS is recognized globally as the benchmark source for detailed information and analysis of commercial and technological trends and developments in the polyolefin industry. The program is unique in providing detailed market and technology information to support both licensors' and producers' business planning.

The Global Bimodal HDPE Market report provides an in-depth analysis of the Bimodal HDPE market; along with an overview of technology used.

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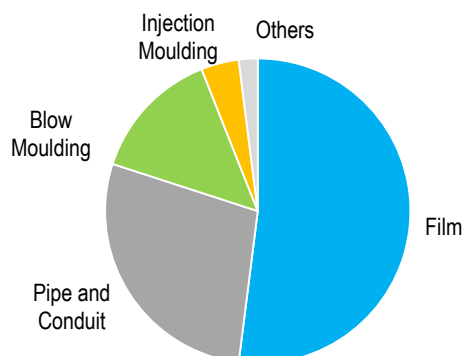
### Abstract:

In the global high density polyethylene (HDPE) market, most HDPE resins are produced based on unimodal (single reactor) process technologies and have performed well for many decades. The development of new applications with more severe operating requirements pushed the performance demands for HDPE resins. As a result, bimodal HDPE was developed to improve some performance aspects that were lacking in unimodal HDPE.

A major development thrust for HDPE has been into bimodal grades for high performance film, pressure pipe, and to a lesser extent blow molding applications. There is an increasing trend to bimodal products, where the combination of better processability, without the loss of mechanical strength, permits downgaging and a reduction in product profile or thickness. For film, the same area of film can be made with less polymer, while for pressure pipes, reduced wall thickness reduces raw material requirements and makes more flexible pipe.

The introduction of bimodal HDPE, with its better performance, has resulted in large gains in market share in film and pipe applications. Film is the largest application for bimodal HDPE; in contrast the two largest applications for unimodal HDPE are blow moulding and injection moulding.

### Global Bimodal HDPE Demand by Application



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Each region in Section 4 is 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.

Accompanying the report is an Excel file which provides full global capacity listing and supply, demand and trade balances for the countries/regions analysed.

NexantThinking Online Database also includes the capacity and supply, demand and trade analysis for total HDPE for over 41 countries, with capacity updated on a monthly basis.

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- Ad-hoc Reports
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