

Thermoplastic Polymers Market Report
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Development of polymer prices

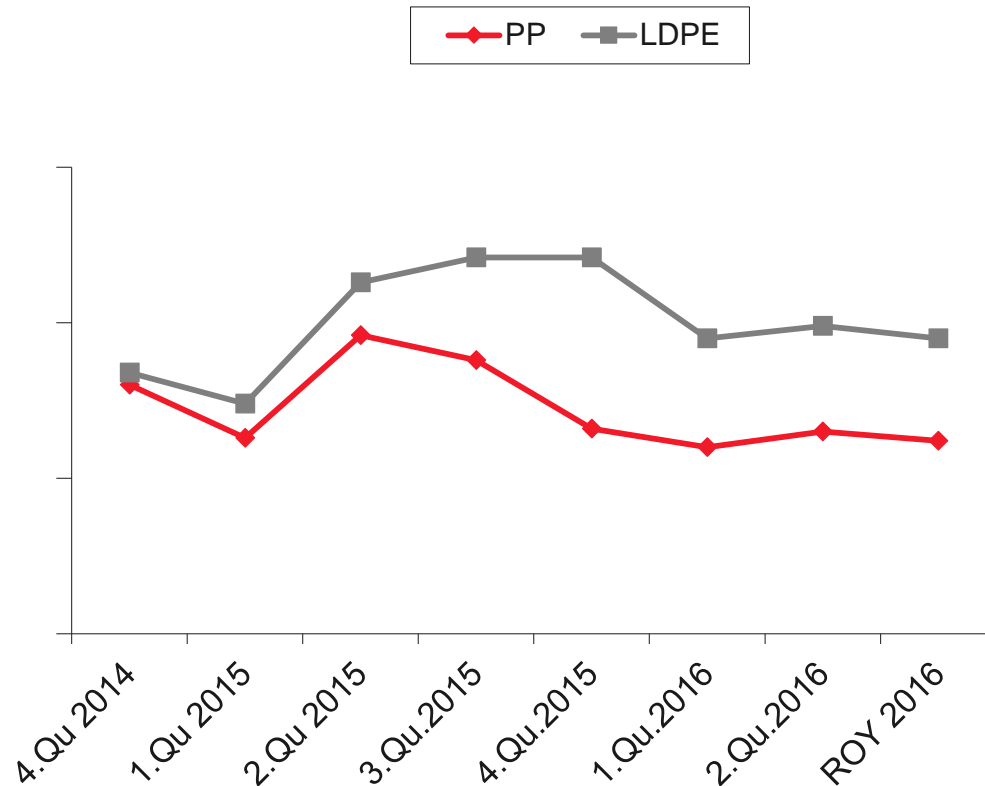


Oil Price Development



- Prices remain low
- Record high production levels
- Affects Polyolefines only

Raw Material Price Development: PP and LDPE



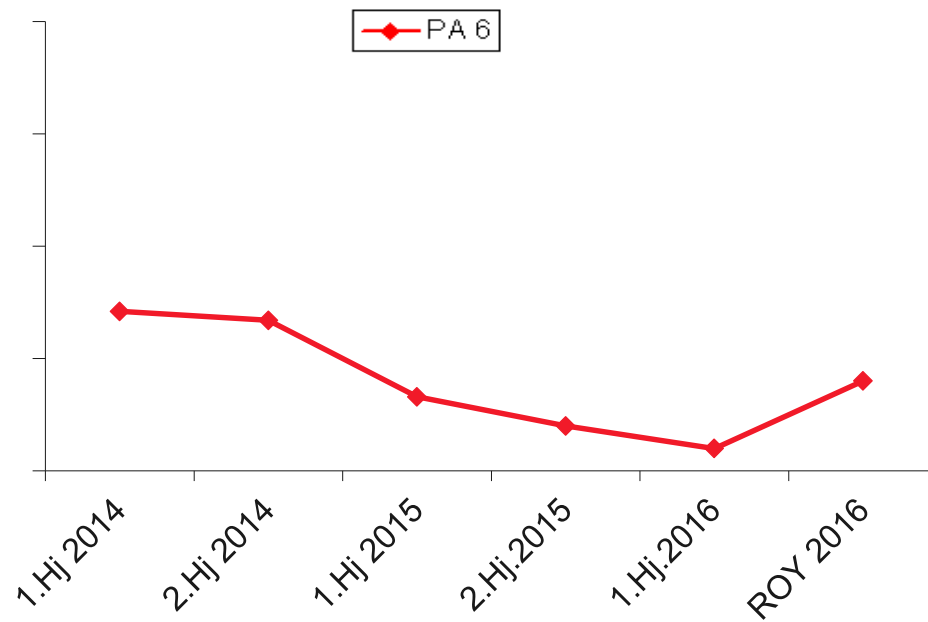
- Base Materials: PP – Propylene
LDPE - Ethylene
- PP - seasonal ups and downs not evident in the past year
- Balanced supply and demand
- Inevitable that prices will rise spring 2017 at the latest
- PE – small increase in Ethylene contract price; producers looking to improve margins

PA 6

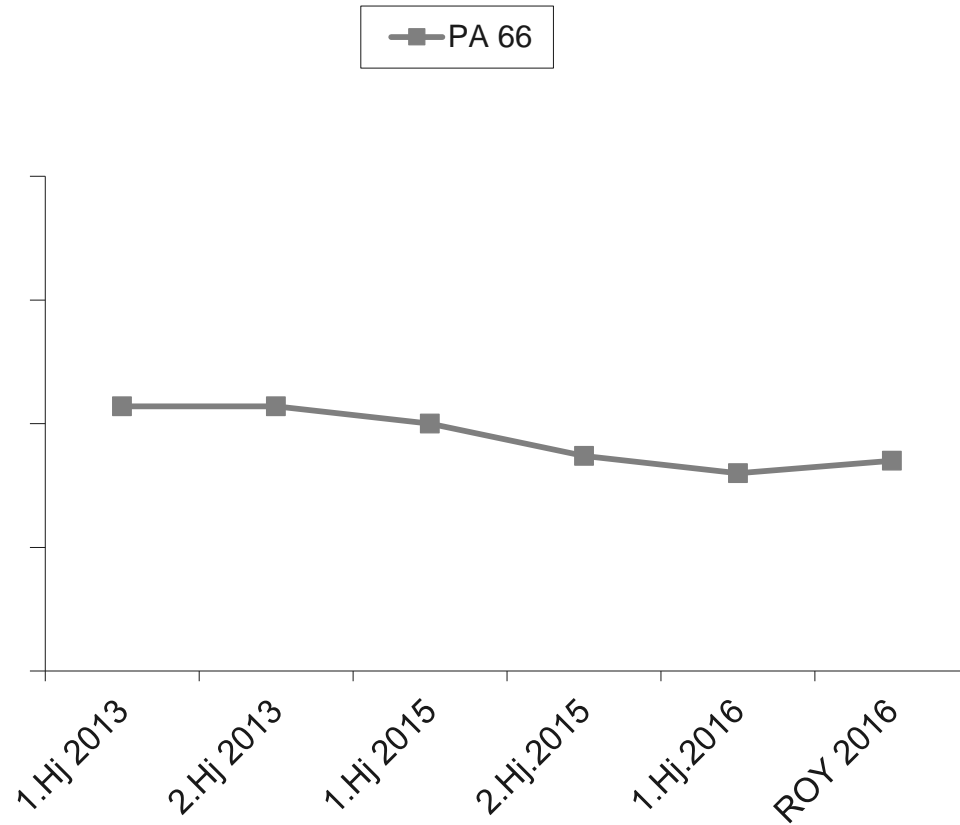
- Base Materials:

PA 6 = Caprolactam, Benzene

- Continued increase in production of caprolactam in China
- Stable supply and pricing expected to continue



Raw Material Price Development: PA 66



PA 66

Base Materials:

PA 66 = 50 % Adipic Acid, 50 % HMD

- General price outlook remains stable
- Force Majeure INVISTA in Texas – 22% of global market potentially facing availability issues

Raw Material Price Development: PA 610 and PA 612

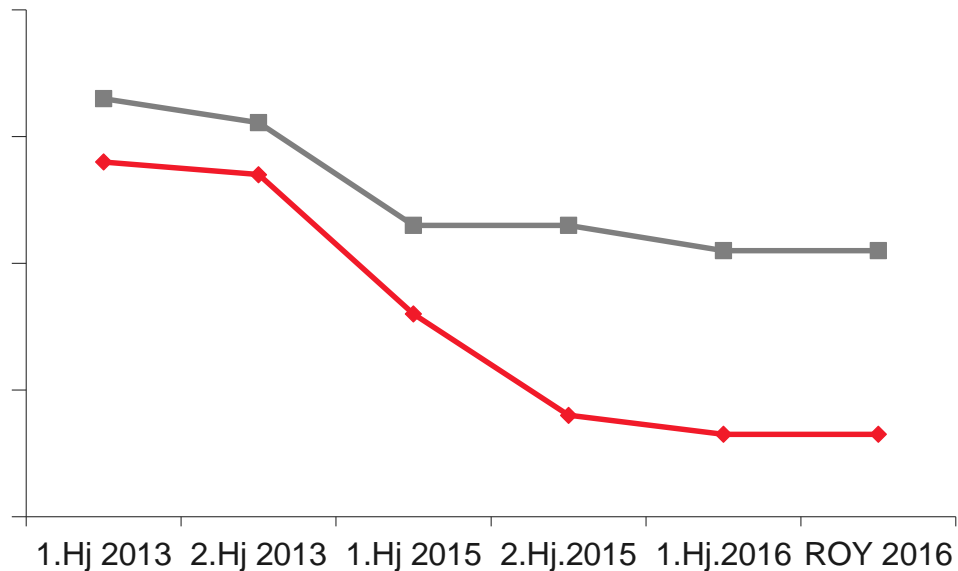
Base materials:

PA610: 60 % Sebacic Acid
40 % HMD

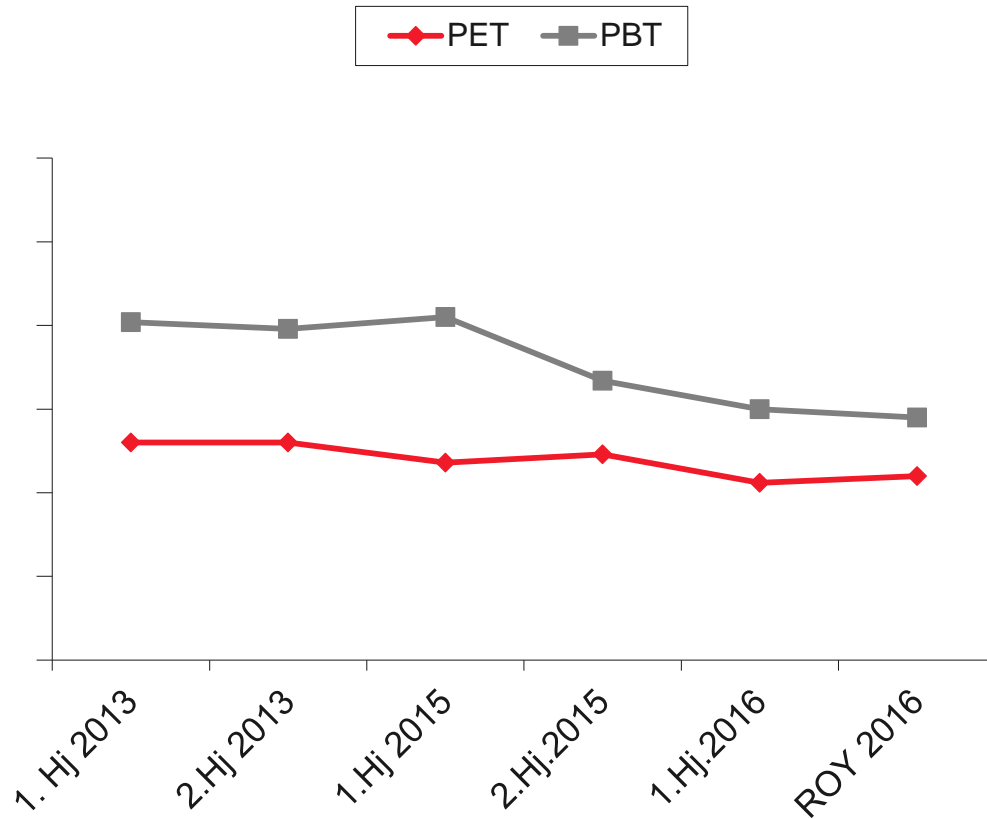
PA612: Butadiene
HMD

- Limited number of suppliers keeping pricing stable

PA 610 PA 612



Development Raw Material Prices: PET and PBT



- Over capacity in both PET prime and bottle grades; short term pricing strategy
- PBT - slight reduction in pricing over the past 12 months – food grades remain in higher priced bracket

Outlook

The future.....

