

The Propylene Technology Report 2016

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Abstracts

A shift in cracker feedstock to lighter feeds has seen propylene producers shift interest to new investments, and on purpose technologies. With the shale gas revolution changing the ethylene market in North America, propylene pricing is becoming more volatile. However, new propane dehydrogenation plants are now being constructed in North America. In China an increased interest in coal to propylene is occurring with producers throughout the world altering their investments to higher value products.

This report covers the conventional propylene production sources such as steam cracking and recovery from refinery streams. Fluidic Catalytic cracking, propane dehydrogenation, Methanol to propylene technology, selective olefin cracking, Olefin metathesis and bio-propylene. It also covers any important developing technologies.

The costs of production of each of the technologies discussed will be developed, estimated and discussed with sensitivity to variables such as feedstock and byproducts. The costs of production include capital and operating costs. The report will also include a market study for propylene production, consumption and trade with full capacity listing.

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