

WORLDWIDE POLYACETALS 2006-2011-2025

Markets, Technologies & Trends

Prospectus For

An In-Depth Strategic Analysis

Available for Immediate Delivery

Supply, Demand, and Trade Balances from 2006 to 2025
Cycle and Trend case Price forecast from 2006 to 2025
Price forecast by region – North America, Europe, Asia, and Middle East
Price Forecast for three different natural gas price scenarios
Global announced capacity addition plans from 2006 to 2010
All the above information provided for Polyacetals



Where should you build the next Polyacetals plant?
Which technology should you use to gain maximum margins?
Opt for the Polyacetal Homopolymer or the Copolymer?
Which are the target markets and target regions for Polyacetals?



What are the dynamics of the Polyacetals Industry?
Basis for netback prices for different region – North America, Europe, Asia, and the Middle East?
Cash cost and delivered cash cost comparison for North America, Europe, Asia, and the Middle East?
Profiles of the largest suppliers for Polyacetals



Chemical Market Resources, Inc.

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Exhibit 3-17

Growth Driver Tree of POM, 2006-2011

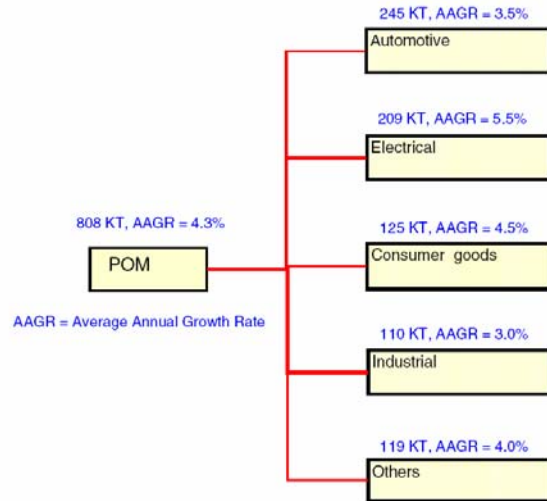


Exhibit 3-28

Demand/ Supply Balance by Region for POM, 2006

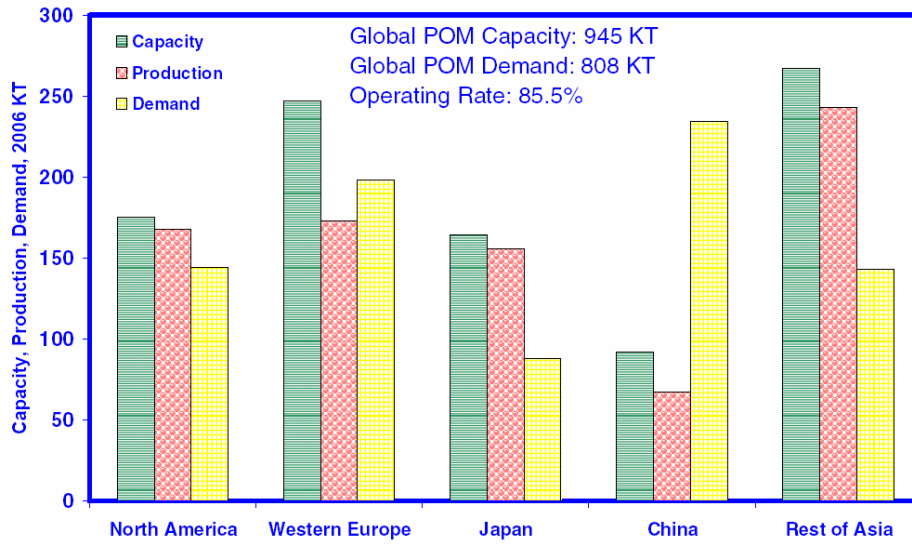
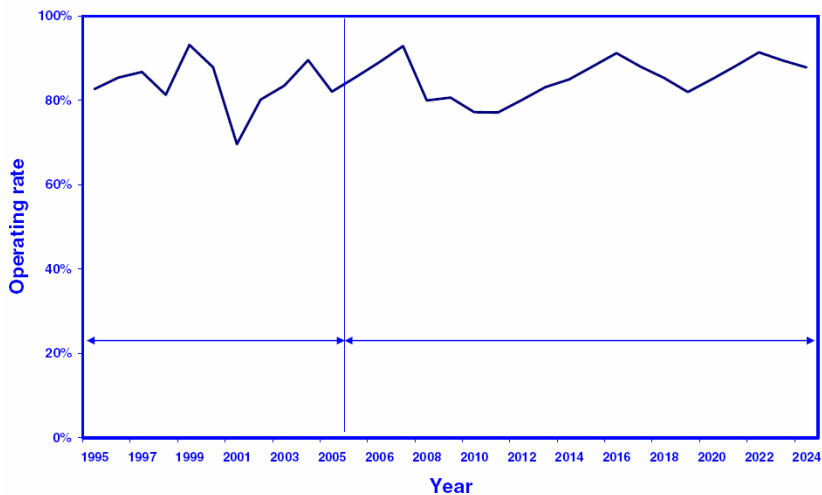


Exhibit 3-1

Historical and Forecasted Global Operating Rates for POM



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INTRODUCTION

Polyacetal is a specialty product with all the attributes; high margin, few suppliers, sophisticated technology, and unique properties. The major markets for POM include: (1) automotive, (2) electrical, (3) consumer, (4) industrial and others. Automotive and electrical are the largest applications for POM accounting for 30% and 26% of the demand. Polyacetals are losing some market share to other materials in some applications and the threat of substitute is medium. The unique dimensional stability of POM decreases the threat of substitutes in certain applications. The global capacity for POM in 2006 was 945 KT. Polyacetals are expected to maintain their high growth and specialty status. There are only a few major industry players with technology know-how and experience of operating a polyacetals plant. The polyacetals market is divided into the polyacetals homopolymer and the copolymer market. Due to its higher crystallinity, POM homopolymer has better mechanical properties such as stiffness, toughness, and strength than copolymer. The lower crystallinity also imparts the POM copolymer better processability than the homopolymer. However, in most applications, copolymer and homopolymer are interchangeable.

Polyacetal production is a specialized technology and the business is dominated by a few producers. Critical success factors to compete in this industry include, (1) knowledge and experience of operating a POM plant, (2) understanding of end-use application technology, (3) understanding of industry structure, and (4) knowledge of end-users.

A NEW MULTICLIENT STUDY

Chemical Market Resources, Inc. offers a popular study on Polyacetals. The in-depth study offers long-term demand, supply, and operating rate forecast (till year 2025), long-term price forecast, and netback analysis.

Chemical Market Resources, Inc., with our extensive experience in (1) Worldwide markets for Engineering thermoplastics, technologies and intermaterial competition issues, (2) all polyolefins, is undertaking a comprehensive global strategic business/technical analysis that reports on this fast-changing intermaterial competition arena. Our in-depth examination and methodology are designed to assist companies in monitoring the rapid developments, analyzing the trends and capitalizing on the many opportunities in these changing markets and technologies.

The report will benefit: (1) present and future Polyacetal market participants, (2) compounders and end users, (3) other engineering thermoplastic industry participants, and (4) the individual end users, entrepreneurs, and organizations attempting to understand these complex issues and capture future growth in the marketplace.



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OBJECTIVES

- *Define the worldwide status of Polyacetals markets in terms of: (1) end use markets, (2) trends and (3) regional differences*
- *Provide long-term demand, supply, & trade balances by region*
- *Provide price forecast by region – cycle, trend, low, medium, and high cases*
- *Provide an accurate assessment of the future of Polyacetals in face of all the forecasts*
- *Polyacetal Homopolymer vs. Copolymer – Technology Options*
- *Assist industry players and end-users in assessing the impact of these issues in the near future*

KEY ISSUES TO BE ADDRESSED

- *The worldwide Polyacetals market/technology status and concerns of: (1) end users, (2) producers and (3) competing material suppliers in North America, Europe, Japan, Asia, Middle East, and Rest of the World*
- *Current and future impact of key issues on Polyacetals markets and their vulnerability in selected end use markets*

TIMING & SUBSCRIPTION INFORMATION

An order form is included as the last page of this prospectus. The report is available for immediate delivery. The price per report will be \$8,000. Additional copies will be available for \$400 each. The electronic copy of the report is available for \$3,000.

APPROACH

The information, data and conclusions of this analysis will be developed from sources in North America, Western Europe and China, Asia and Japan and are based upon, but not limited to, the following methods:

- *Search, review and interpretation of information from government sources, trade and industry groups, public interest groups, government agencies, published articles and product promotional information*
- *Information from private experts and CMR proprietary projects (over 20 of them related to these topics in the last two years)*
- *Interviews with leading Polyacetals and engineering thermoplastic suppliers, end users and distributors*
- *The major technology suppliers and ENC organizations*
- *The systematic approach to market quantification, assessment and opportunity analysis by end use and region*



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The report is available for **immediate delivery**. Companies subscribing to the study before June 1, 2007 will be entitled to the purchase price of \$10,000. After publication, the price per report will be \$12,000. Additional copies will be available for \$400 each.

Subscribers agree to treat the contents of this report as confidential, not to be revealed to any person outside the subscriber organization, and to certify the report will be used solely by the officers and employees of the subscriber or majority owned subsidiaries (>51%).

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ABOUT OUR COMPANY...

CHEMICAL MARKET RESOURCES, Inc., was founded in 1990 to focus on the areas of marketing research and strategic planning. Our global clientele is concentrated within the chemical, petrochemical, plastics and related industries.

Prior to joining CMR, Inc., our associates held responsible positions in the chemical and allied industries. Our team of professionals has a strong technical background combined with hands-on business experience. Compilation of data, strategic analyses, writing and editing are entirely conducted in our state of the art facilities in-house, to assure quality control at each stage of development. Our strength is in providing our clients close interaction to maximize effectiveness. We provide in-depth analyses with actionable statements in a cost-effective and timely fashion.

Our recently completed multiclient studies:

1. APP/APAO and SB Copolymers vs. New Generation Polyolefins, Markets, Technologies and Intermaterial Competition Trends 1995-2000
2. New Generation Polyolefins - A Bimonthly Global Review of Markets, Technologies & Trends - Ongoing
3. Intermaterial Competition of Flexible PVC, TPEs and EP(D)M Rubbers vs. new Generation Polyolefins - North America, Europe and Japan - Markets, Technologies and Trends 1996-2000
4. Chemical Market Resources, Inc., Polyolefins MT&T™ Series - An in-depth benchmark analysis of significant markets and technologies that will impact the global polyolefin industry over the next decade on: (1) PP Films, (2) High EVAs, (3) Polyolefin Foams, (4) Polyurethanes, (5) Metallocenes, (6) Elastomeric Polyolefins – TPOs, Plastomers and Elastomers, (7) PP Fibers, (8) Acid Copolymers and Ionomers, (9) EP(D)M and EPM, (10) Tie Layer Resins

OTHERS

5. U.S. Markets for Plastic Eyeglass Lenses
6. North American Unsaturated Polyesters - Markets, Technologies & Intermaterial
7. North American Antifreeze Recycling Markets: An Industry Analysis of Markets
8. Consumption Database of Ethylene Glycol and Higher Glycol Markets, U.S., Canada and Mexico
9. Consumption Database of Propylene Glycol and Higher Glycol Markets, U.S., Canada and Mexico
10. Consumption Database of Phenol/Acetone Markets - U.S., Canada and Mexico

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