

第二届聚碳酸酯技术与市场研讨会

2nd Polycarbonate Technologies & Market Conference

7.25-26
烟台
Yantai

| 2017



主办
Organizer



www.asiachem.org/2017PC

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会议背景

聚碳酸酯（PC）是一种具有优异综合性能的热塑性工程塑料，在电子电器、板材容器、汽车工业、医疗器械、防护器材等领域有着广泛应用，并迅速扩展到航天航空、光学元件、光电信息等新兴领域。

中国是聚碳酸酯需求增长最快的国家，以每年 8%-12% 的速度增长。2016 年，中国聚碳酸酯表观消费量约 170 万吨。虽然中国聚碳酸酯产能近 90 万吨/年，产量约 60 万吨，净进口量近 110 万吨，自给率不足四成。

国家鼓励发展聚碳酸酯进口替代工作，浙铁大风、鲁西化工聚碳酸酯项目的相继投产，打破了国外行业巨头垄断的格局。未来几年，中国聚碳酸酯产能将迎来集中释放。科思创计划将其位于上海的聚碳酸酯产能提升至 60 万吨/年，SABIC 和中石化将合资在天津建设 26 万吨/年的聚碳酸酯装置。烟台万华、利华益集团、阳煤恒源化工、泸天化中蓝新材料、鲁西化工浙江石化等多家国内企业也正在建设或规划聚碳酸酯项目。

未来聚碳酸酯市场前景如何？生产技术是否发生革命性变化？上游双酚 A 等原料的市场与供应前景如何？下游新型应用领域和高附加值产品应如何开拓？国内企业与国际企业应如何在激励竞争中求得生存发展？

由亚化咨询主办的**第二届聚碳酸酯技术与市场研讨会**将于**2017 年 7 月 25-26 日**在**烟台**召开。会议将探讨“十三五”工程塑料产业趋势；全球与中国聚碳酸酯市场需求展望；聚碳酸酯生产技术进展与工业化应用前景；中国聚碳酸酯产能扩张规划与新项目经济性分析；聚碳酸酯高附加值产品及新兴应用领域开发；原料双酚 A 市场与供应展望；聚碳酸酯生产和应用环保问题等。

会议主题

1. “十三五”工程塑料产业趋势
2. 全球与中国聚碳酸酯市场需求展望
3. 中国聚碳酸酯产能扩张规划
4. 不同路线聚碳酸酯技术经济性比较
5. 新建聚碳酸酯项目投资规划、工艺选择与经济性分析
6. 聚碳酸酯生产技术创新与商业化应用前景
7. 原料双酚 A 市场与供应展望
8. 汽车轻量化趋势下聚碳酸酯产品的开发与挑战
9. 聚碳酸酯高附加值产品及新兴应用领域开发
10. 高端化与专用化聚碳酸酯改性塑料及塑料合金
11. 聚碳酸酯生产和应用环保问题
12. 工业考察参观

日程安排

2017 年 7 月 24 日 周一

16:00~21:00 会前注册

2017 年 7 月 25 日 周二

08:30~12:30 演讲报告

12:30~14:00 自助午餐与交流

14:00~18:30 演讲报告

18:30~20:00 招待晚宴

2017 年 7 月 26 日 周三

08:30~16:30 工业考察



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English-Chinese Simultaneous Interpretation will be provided.

Background

Polycarbonate (PC), a kind of high performance engineering thermoplastics, has been wide used in electronic appliance, sheet & container, automotive industry, medical instruments, protective equipment and other fields, and is rapidly expanding its applications into emerging fields such as aviation & aerospace, optical elements, optoelectronic information, etc.

China is the fastest growing country in PC demand, with annual growth rate of 8%-12%. In 2016, apparent consumption of PC in China was about 1.7Mt. Although China's PC capacity was about 900kt/a, with production of about 600kt, the PC net import was about 1.1Mt, with self-sufficiency rate less than 40%.

China is encouraging the development of PC import substitution. The successive commissioning of Zhetie Daphoon and Luxi Chemical PC projects, broke monopoly in China's PC market by foreign industry giants. Covestro plans to increase its PC capacity in Shanghai to 600kt/a, while SABIC and SINOPEC will jointly invest a 260kt/a PC project in Tianjin. Besides, several domestic enterprises such as Yantai Wanhua, Lihuayi Group, Yangquan Coal Hengyuan Chemical, Lutianhua Zhonglan New Material, Luxi Chemical, Zhejiang Petrochemical and so on, is building or plan PC projects.

What are PC industry market prospects in the future? Will the production technology be totally changed? How about the Bisphenol-A (BPA) feedstock market & supply outlook? How to develop novel downstream applications & high value-added products? How to survive & develop in encouraging competition for domestic & international enterprises?

The **2nd Polycarbonate Technologies & Market Conference 2017** will be organized by ASIACHEM on **Jul 25th-26th in Yantai**. The upcoming conference will discuss the engineering plastic industry trends 2016-2020; global and Chinese PC demand outlook; progress & industrialization of PC technologies; China's PC capacity expansion plans & economic analysis for new projects; development of PC high value-added products & their emerging applications; prospect of BPA feedstock market & supply; safety and environmental issues of polycarbonate production and application, etc.

Topics

1. Engineering plastic industry trends during 13th FYP
2. Global and Chinese PC demand outlook
3. China's PC capacity expansion scheme
4. Technical & economic comparison of different polycarbonate processes
5. Investment plan, process selection & economic analysis for new PC projects
6. Innovation & commercial prospect of PC production technologies
7. Prospect of BPA feedstock market & supply
8. PC products development & challenge under automotive lightweight trends
9. Development of high value-added PC products & their emerging applications
10. High-end & specialized PC modified plastics & plastic alloy
11. Safety & environmental issues of PC production & application
12. Industrial visiting

Preliminary Agenda

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|---------------------|------------------------------|
| Jul.24, 2017 | Monday |
| 16:00~21:00 | Pre- conference Registration |
| Jul.25, 2017 | Tuesday |
| 08:30~12:30 | Speech |
| 12:30~14:00 | Networking Lunch |
| 14:00~18:30 | Speech |
| 18:30~20:00 | Banquet |
| Jul.26, 2017 | Wednesday |
| 08:30~16:30 | Industrial visiting |

