POLYAMIDE: A PERFECT STORM?



8th AMERICAN NYLON SYMPOSIUM

MARRIOTT ATLANTA AIRPORT
MARCH 26th/27th 2015



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POLYAMIDE: A PERFECT STORM?

In the 75th anniversary year of commercial production, polyamide remains a dynamic industry where the challenges just keep on coming. The massive capacity additions in polyamide raw materials, particularly in China, are well-documented and largely underway. However, in 2015, the triple whammy of (1) the Chinese drive for self-sufficiency in the polyamide chain, (2) slowing demand in many of the world's leading economies, and (3) volatility in petrochemical raw material prices, has the potential to create the 'Perfect Storm' for the polyamide industry.

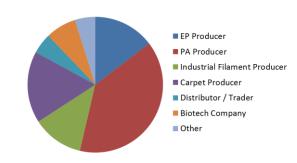
The PCI American Nylon Symposium 2015 will look at current conditions in the PA process chain, from petrochemicals through intermediates to engineering plastics and fibre applications. It will assess just how stormy it is likely to get for the American polyamide industry. In particular it will focus on identifying, analysing and debating the essential questions for polyamide:

- ■Will the oil price continue to plummet and what effect will this have on polyamide raw materials (and indeed on the economics of the burgeoning shale gas industry)?
- ■Will proposed new feedstock plants actually be constructed in the USA to benefit from cheaper energy, and to what degree will that benefit carry through to PA? Could energy pricing help the USA develop a competitive advantage in PA?
- ■How will the relative technologies and pricing of aromatics and olefins affect the competitive position of polyamide, and within the industry, of PA6 and PA66? With the growth of shale gas, will benzene production suffer? How will the divergent pricing of propylene and butadiene affect the PA66 market?
- ■With the emergence of new Biotech routes to polyamide raw materials, how close are we to commercial production, and how disruptive will these technologies prove for existing producers?
- ■How will the demand for polyamide products develop in the context of a slowing Chinese economy, the end of quantitative easing, and on-going concerns regarding global economic prospects? Is the Chinese drive for strategic self-sufficiency in all aspects of the polyamide chain coming to fruition just as market demand falters? Could cheaper PA halt the onslaught of polyester in the US carpet market?
- ■As opportunities for PA producers to export their surpluses to China diminish (Chinese caprolactam imports to end-October 2014 are -50% down on a year ago), will the PA raw materials business move from global to regional once again?

The PCI Nylon Symposium has a deserved reputation for focusing its select and high calibre audience on core issues in the nylon business, delivering valuable insight into the strengths and weaknesses of individual market positions. It has important messages for business managers, marketers, purchasers, business analysts and all those in charge of managing significant nylon chain businesses. Above all the PCI Nylon Symposium will assist you to optimise market positioning within the broader context of the global polyamide industry and its changing competitive dynamics.

ATTENDEES 2014

Typical Companies:



Typical Attendees:



VENUE

Marriott Atlanta Airport 4711 Best Road Atlanta, GA 30337, USA

For more information please visit: http://www.marriott.com/atlap

Free shuttle bus from Atlanta Airport



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PROGRAMME

<u>Thursda</u> v	<u>v 26th N</u>	<u>larch</u>

- 12:30 14:00 Registration and Lunch Buffet
- 14:00 INTRODUCTION
 Dr. Robin MacDonald
- 14:10 PETROCHEMICAL & FEEDSTOCK MARKETS John Blieszner, Jacobs Consultancy
- 14:50 POLYAMIDE IN CHINA Dr. Crystal Chiang, PCI Nylon
- 15:30 Coffee
- 16:00 POLYAMIDE INTERMEDIATES AND POLYMERS Dr. Robin MacDonald, PCI Nylon
- 16:40 NYLON INTERMEDIATES: DEVELOPMENT OF BIOBASED PROCESSES FOR ON-PURPOSE PRODUCTION FROM RENEWABLE FEEDSTOCKS Lisa Kennedy, Genomatica
- 18:00 20:00 Cocktails

Friday 27th March

- 8:15 9:00 Light Breakfast Buffet
- 09:00 NYLON FIBRES
 Alasdair Carmichael, PCI Fibres
- 09:40 ENGINEERING POLYMERS Colleen J Carson, DuPont
- 10:20 Coffee
- 10:50 TBA tba
- 11:30 NORTH AMERICAN AUTOMOTIVE MARKET LMC Automotive
- 12:10 Conclusions
- 12:30 End



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REGISTRATION FORM

4 EASY WAYS TO REGISTER

1 Online registration with online credit card payment facility: www.pcinylon.com/nylon-symposia

2 Email: bmd@pcinylon.com

3 Fax: 011 49 6171 9890922

4 Mail: PCI Group, P.O. Box 3444, Spartanburg, SC 29304, USA

For questions please call Alasdair Carmichael 864 583 6868 (US) or Bärbel MacDonald +49 6171 989090 (Germany)

PLEASE REGISTER THE FOLLOWING DELEGATE

Please type or print clearly in block capitals. Please photocopy for multiple delegates.

Title (Mr/Mrs/Ms/Dr etc):
First Name:
Surname:
Company:
Position in Company:
Address:
Country:
Telephone:

I wish to book for the PCI Nylon Symposium and I understand this registration is made subject to the cancellation terms as stated.

Signed:	_ Date:
Registered by:	
Email:	
Telephone:	



REGISTRATION FEE

☐ \$990 Symposium registration per attendee*
Group discounts for 3 or more attendees: ☐ \$890 Symposium registration per attendee*
PAYMENT OPTIONS (please tick)
Full payment of fees is due before the date of the symposium.
☐ Invoice
Please invoice my company
VAT-No:
Purchase order no:
□ Check Please send to PCI Group, P.O. Box 3444, Spartanburg, SC 29304, USA, together with registration form
☐ Credit Card
Card Holder's Name:
Card number:
Expiry date:

*Please note that we can't charge Amex in US\$. When using Amex, we will charge your credit card in the equivalent EUR amount. Visa and Mastercard will be charged in \$.

☐ Mastercard ☐ Amex*

DELEGATE INFORMATION

Card security number: _____

Card Holder's Signature: ____

Visa

Date: 26th/27th March 2015

Symposium Registration Fee: The fee includes admission to the symposium, symposium documentation when supplied by speakers, light lunch and cocktails on March 26th, breakfast on March 27th and refreshments on both days.

Cancellation Policy: All cancellations must be made in writing to the above address. In the event of cancellation on or before 26.02.2015, a 20% administration fee will be deducted. For cancellations after 26.02.2015, no refund will be given, although substitutions can be made at any time prior to the symposium, free of charge.

Hotel Accommodation: To book a room at preferential symposium rate of \$145 (+ state and local taxes), please call the Marriott Atlanta Airport (not the Atlanta Airport Gateway Hotel!) at 800 228-9290, quoting "PCI Nylon Symposium". This special rate will be available for all participants until March 5th, 2015.