

The Newsletter of the Akron Section of the Society of Plastics Engineers Our 51st Year of Education and Service to the Plastics Industry

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Costs, Schedules, Reservations

Member Guest and Member	\$15.00 \$30.00
Retiree	\$15.00
Student	\$10.00

Program at Alpha Tech. 5:15 p.m. Pizza/pasta buffet following at Alpha

Contact Mark Holtman on or before Sept. 18 - 330/972-6008 holtman@uakron.edu



Technical Meeting

Monday, September 21, 2009

Alpha Technologies Dynisco Polymer Test – 5:15 p.m.

3030 Gilchrist Road Akron, Ohio 44305 (330) 745-1641



"New Technology in Polymer Testing" By David Newell, Regional Sales Manager

Come join us for a Discussion on the latest innovations in Polymer Testing and Plant Tour of Dynisco's Polymer Test facility in Akron

Topics of Discussion:

- Polymer Testing in the Lab
- **In-Process Rheometry**
- Melt pressure/Temperature measurement & Control ...and much more
- Followed by a Plant tour

 Next meeting – Oct. 19
 Board meeting – Sept. 14, 2009, 5:30 p.m. Polymer Eng. Center Conference Room





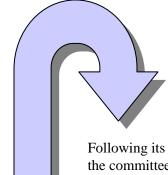
Technical Assistance Initiated On Akron SPE Web Site

Do you have a technical question on plastics, polymers, rubbers, etc. Our web site now has a place where you can detail your question and the Akron SPE Board will use their collective knowledge and resources to answer your questions. Check it out at www.akronspe.org. If you post a question we will post it in the following newsletter along with the answer.

Polymer Analysis ServicesImage: Colspan="2">Image: Colspan="2">Oplige: Colspan="2"Image: Colspan="2">Oplige: Colspan="2">Oplige: Colspan="2"Image: Colspan="2"Image: Colspan="2"Image: Colspan="2"Image: Colspan="2"Image: Colspan="2"Image: Colspan="2"Image: Colspan="2"</



New Directions Initiative



An initiative has been undertaken to develop a set of new directions for the SPE Akron Section with the objectives of revitalization and operational efficiency. Elements to be addressed include technical program focus, section functioning, member involvements, intersociety interactions, meeting venues and liaisons with our local educational institutions.

Following its authorization by the Board of Directors at their June 2009 meeting, the committee comprising R. Sadeghi, S. Jana, V. Malpass, K. Malpass, K. Caviashi, M. Haltman and L. Casttler (chair) has met to generate program and

K. Cavicchi, M. Holtman and L. Goettler (chair) has met to generate program concepts for the upcoming year around developing technologies of local interest that involve both R&D and commercialization and are of general societal interest. Thrust areas have been identified as energy, biomaterials, medical/health applications of polymers and environmental concerns. Some program subjects being considered are medical plastic applications, e.g. implants, fuel cells, applications of nanofibers, biopolymers, alternate energy sources, water purification e.g. via desalination, photovoltaics, flexible displays, and the general process of technology transfer from lab to marketplace.

Please input your preferences and other ideas to us via the SPE website to insure that our programs are meeting your needs and interests.

Lloyd Goettler

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PolymerOhio Internships

The Third Frontier Internship Program links Ohio students with rewarding internship opportunities that provide hands-on experience within Ohio's private-sector business community. The goal is to build a young talented workforce for the future and assist students in gaining valuable work experience that can lead to permanent full-time employment in Ohio after graduation.

The program will reimburse 50% of each intern's wage up to \$3000 for a 12 month period. Following an intern's graduation, your firm will have the opportunity to offer full-time employment to an individual who is well prepared for a future career with your organization.

Internships may be full-time or part-time at anytime during the year.

The Internship Program is looking for participating businesses that can provide one or more of the following types of internships:

Advanced manufacturing Information technology Advanced materials Instruments, controls and electronics Bioscience Power and propulsion

For more information please go to www.polymerohio.org. Roll your mouse over to "careers" in the top menu line to reach the link to the Polymer Ohio Internship Program page. If you are a company or a student, follow the procedures to register at www.ohio3fip.com.

For more information or assistance, call Rich Markham at 614-477-1133 or write to rmarkham@polymerohio.org.

The Akron Polymer Training Center Congratulates The Akron Section of SPE!



Thank you for providing outstanding service to the plastics industry for 50 years. We wish you continued success!

The Akron Polymer Training Center is committed to provide quality training courses for the plastics and rubber industries. Our classes are taught by University of Akron faculty and industry professionals. Visit our website at **www2.uakron.edu/aptc** for a complete list of our current course offerings.

Customized Development and Delivery

The Akron Polymer Training Center also specializes in customized training developed specifically for your employees. Depending on your company's particular needs, our courses can be taught on site at your location, or at our state-of-the-art facility on the campus of The University of Akron. Our programs are designed to enhance on-the-job effectiveness for all professionals working in the polymer field. If you are experiencing difficulty with polymer-related design or processing problems, contact us. Our reliable and dedicated staff will work with your team to develop a training strategy guaranteed to produce results. Contact Tayba Tahir by phone at **330.972.8661** or email Tayba at **tahir@uakron.edu**. If you don't see what you need, no problem! We have the resources to solve even the most vexing polymer processing and design issues.





~ Reminder to our Advertisers and Sponsors ~

Your ad from last season has been continued in this first edition of the 2009-2010 SPE Newsletter courtesy of the Akron Section. We appreciate your past support for our newsletter and welcome your advertisements for this year.

Please see the insertion order request form on page 16.

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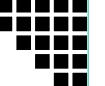
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Programs for 2009 / 2010

Sept. 21	New Technology in Polymer Testing	Jan. 18	To be announced
	Alpha Technologies, D. Newell Pizza/Pasta buffet at Alpha	Feb. 15	To be announced
Oct. 19	To be announced	Mar. 15	To be announced
Nov. 16	To be announced	Apr. 19	To be announced
Dec. 21	Holiday Gathering	May 17	To be announced

Councilor's Corner



June 2009 council meeting summary

I appreciate the opportunity to represent our section to National as the Akron Section Councilor. Attendance in Chicago at ANTEC was 1312 with the combined ANTEC at NPE total reaching 44,000. The group welcomed our incoming President, Paul Andersen, and listened intently as his incoming speech was about his SPE mantra: "*Seize the Opportunity*."

Wiley and Sons, Inc. has taken over the publishing responsibilities for SPE's *Plastics Engineering* magazine, and intends to develop an all-new web presence for the publication at www.plasticsengineering.com.

Overall membership as of June 1, 2009 is 16,039. Membership acquisition numbers continue to trail 2008 rates due to budget challenges at SPE and the continuing global economic situation, which is particularly acute in many of the industries SPE serves.

The SPE headquarters building sale closed on June 30, 2009. SPE moved its offices into roughly 3,700 square feet in Newtown, CT. At the present time, SPE's PO Box and phone numbers will not change. SPE underwent a planned staff restructuring in the first quarter of 2009. Overall full-time staff was reduced from 26 in early 2008 to 15 as of late June.

The group approved effective immediately, to allow electronic participation at the Annual Meeting and Special Business Meetings. The next meeting is scheduled for October 24th in Southbury, Connecticut.

Respectfully submitted, Councilor Joseph Mattingly





Akron Section SPE Past Presidents

1959-1960	Donald F. Siddall
1960-1961	Milan Krajcik
1961-1962	Foster J. Young
1962-1963	Dickson L. Stoker, III
1963-1964	Edward L. Hillier
1964-1965	John R. Russell
1965-1966	John R. Russell
1966-1967	Clyde H. Jones
1967-1968	Alan Corry, Jr.
1968-1969	Bernard M. Saffian
1969-1970	Harold R. Schick
1970-1971	Robert G. Hills
1971-1972	John J. Satterfield
1972-1973	Alexis M. Gross
1973-1974	Francis J. Maurer
1974-1975	Leverett A. Anderson, Jr.
1975-1976	Robert M. Hershey
1976-1977	Richard L. Fleshman
1977-1978	David Curtis
1978-1979	John A. Zelek, Jr.
1979-1980	Gerald W. Whitnable
1980-1981	Kathleen N. Bechter
1981-1982	Victor E. Giuffrida
1982-1983	James Steiner
1983-1984	Robert G. Hills

1984-1985 1985-1986 1986-1987 1987-1988 1988-1989 1989-1990 1990-1991 1991-1992 1992-1993 1993-1994 1994-1995 1995-1996 1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009

2009-2010

Anthony F. Dean, Jr. Gene Buser Harry J. Barth Judith A. Fallon William E. Tosko Robert C. Wegelin Geraldine R. Stromquist Spencer Kreiser Robert C. Wegelin Anthony F. Dean, Jr. Wayne Decamp Melanie Stewart Kevin Hershfield David Schultz John Raab Gary Taylor Kevin Malpass Kenneth L. Sharp Joseph E. Pfeiffer Robert C. Wegelin Joseph Mattingly Lloyd A. Goettler John Woodside Vivian Malpass Joseph Mattingly David A. Katz

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Membership Report

Akron had 1 new member join in July. Our membership number is at 344. We had two transfers in and one transfer out of our section.

Membership chair, Reza Sadeghi

<u>New Member</u> - Say "hello and thanks for joining" if you know the following:

Zeynep Ergungor, M&G Polymers USA LLC



Minutes of Board Meeting – June 8, 2009

Call to Order: 6:00 PM at Papa Joes.

Present: Joe Mattingly, Dave Schultz, Vivian Malpass, Lloyd Goettler, Gary Taylor, Dave Katz, Kevin Malpass and Tony Dean

Absent: Alexei Melnikov, Joe Pfeiffer, Michael Gintert, Bob Wegelin, Kann Gunes, Reza Sadeghi and Sadhan Jana

Guests: Asst. Prof. Kevin Cavicchi – University of Akron Dept. Polymer Engineering and Mark Holtman – University of Akron Dept. Polymer Engineering

Secretary: David Schultz. Minutes of May 11th meeting reviewed and approved.

President: Joe Mattingly

- Joe has stated this is his last Board Meeting as President and will pass on to David Katz. Excellent job, Joe. Thanks for all the Leadership during tough economic times.

- Joe stated that a number of our Board Members have resigned from the Board: Michael Gintert – Acting Education, Joe Pfeiffer – Councilor and Bob Wegelin – House. We would like to *thank* all for the time and effort they have provided to Akron Section SPE, in particular, Joe Pfeiffer, recent Councilor and Bob Wegelin, who continues to have a dotted line involvement. Mike, *thanks*, too for your tremendous energy and help this past year.

- Joe thought that the Awards Night went well at Raintree Country Club.

Past President: Viv Malpass

- Viv reports that his main target for 2008-2009 was Gala – to make it a Special Year for Akron Section. Well done. Joe passed out additional 50th Anniversary pens to those not present at Gala.

- Viv further reports his main target for 2009-2010 year will be TOPCON-TPE set for Sept. 14-16, 2010.

- Viv and others have noted we must look into collaboration with other groups; i.e. Rubber Div-ACS, Medical, etc.

- Possible Bioplastics – TOPCON has been mentioned as a hot topic and local involvement – University of Akron.

Prior Past President: Lloyd Goettler

- Lloyd has recently carried out record retention an extensive review of By-Laws and suggests we run Section – as set forth – by Nomination and vote and attempt to get more involvement from Section Members in running Board. We must, as many Sections must, get new energy, new departments at University, graduates from Polymer-Engineering and Science in order to chart a NEW DIRECTION.

- Lloyd further suggests different media; i.e. Internet, Topic groups, networking moving forward as these new high energy people start to enter the Board.

- Lloyd also mentions that individuals as well as companies might be requested to help sponsors for upcoming meetings and maybe reduction in number or meetings will be reviewed – Paradigm shift is needed.

- Must look to other groups, SAMPE, Gordon Conference and pick the best of the best to help grow!

- Members of the New Directions Committee are Lloyd Goettler (Chairman), Vivian Malpass, Sadhan Jana, and Reza Sadeghi. Kevin Malpass added that he too would like to be on this committee. Lloyd has drafted New Directions Initiative as a guide.

President-Elect: David Katz. No report, but will have welcome and thoughts for next year noted later.



Minutes of Board Meeting – June 8 (cont.)

Treasurer: Gary Taylor

- Gary submitted the final Treasurer's Report for SPE Year 2008-2009.

- Gary reports that we had a high expense year – as it was the 50th Gala Year plus that we made some expenditures that will move the Section forward – Projector and screen, plus had many donations. We will have to look much closer moving forward at any expenses.

- Lack of newsletter advertising and reduced rebates from SPE Int'l were the reasons given for most of the deficit.

- Gary reports we were right on budget for 2008-2009.

Councilor: Joe Pfeiffer. No report.

- Joe Mattingly reports that he will take over for Joe Pfeiffer as he as completed his 3 Year Term. Joe Pfeiffer will be present at NPE/ANTEC (Saturday) and so will Joe Mattingly (Sunday) to attend Council Meeting and accept Awards for Section.

- Joe requested funds for support as new Councilor for travel and lodging: voted and approved by Board.

Hall of Honor: Dave Katz

- Digital Picture frame will be placed on wall in Polymer Science Building in a protective enclosure.

- Dave Katz reports he is working with Sarah Thoroley at PEAC to obtain suitable enclosure and lettering.

Newsletter: Dave Katz

- June newsletter has been published. May publish a Summer Edition with requests for New Board Members as we move in the NEW DIRECTION.

Newsletter Advertising: Dave Katz

- Dave reports he will soon, this summer, be forwarding requests for past Advertisers to advertise for new year.

Membership: Reza Sadeghi not present.

- Joe reports that there are approximately 350 members.

Website/Public Interest: Tony Dean

- Tony reported that website will soon be updated; needs new Directors and Officers names.

- He also has and will post Gala and Awards photographs.

- Tony has confirmed the thoughts for need for rebuilding of SPE Website – outdated and difficult to find needed information (a committee consisting of Joe Mattingly, Dave Katz and Tony Dean will look into rebuilding the website). Will consider different options moving forward.

- Tony reported that the missing SPE files have been found at the University of Akron Polymer Engineering Center. They will be transferred to the Mark Holtman's office and he will act as custodian.

- Tony will take an inventory of the files.

Student Chapter: Not present

- Confirmed planned attendance to NPE/ANTEC- June 22-26.

- June 15th Polymer Awareness. Michael Gintert will participate in a panel along with Lloyd Goettler and possibly Joe Pfeiffer will participate as judges of a Poster Session on June 19th.

- Sadhan Jana will try to revitalize PESO.

- Election for new PESO president will be May 15th - no report.





Minutes of Board Meeting – June 8 (cont.)

Education Committee: Michael Gintert for Hemant Takkar

- Need a Chair for 2009-2010.
- Kevin Cavicchi has agreed to take on duties with Lloyd Goettler as agreed mentor.

Education Foundation: Bob Wegelin - Chair

- Board has asked for confirmation of members and recent report that has been written for review of activity.
- Bob Wegelin will provide for Board.

Fall Golf: No report.

Spring Golf: No report.

House: Bob Wegelin

- Need new House Chair.

- It has been proposed that Bob Wegelin help by mentoring our guest, Mark Holtman, for next year.

ACESS: No report.

Polymer Ohio: No report.

Communications: No report.

Program: No report.

Old Business: D&O Insurance for Akron SPE Section - Joe Mattingly confirms that Intl feels this Insurance is not necessary as we have no employees.

New Business: Section Renewal – Lloyd Goettler

- Lloyd renewed discussion and mentioned other forms of media and groups that we could align ourselves with on ACTIVE basis to help as we move forward with NEW DIRECTIONS including to try new techniques for meetings; i.e. Internet, Group Networks, and more local groups such as ACESS, ACS Rubber Group, ASC and the Akron-Physics Club.

- Lloyd proposed a paradigm change in a new direction to revitalize the section slowly over the next year or two. The section would continue running as usual in the transition period.

- Lloyd suggested new areas of interest and research at University of Akron such as Biomedical, Medical Plastics, Energy, Nanomaterials, etc.

Joe Mattingly then passed the baton over to David Katz as New President. David proceeded to promote the NEW DIRECTIONS as proposed and added that he would to the best of his ability, support and promote active involvement.

David proceeded to inform that he has aligned potentially Alpha Technologies/Dynisco for September meeting as first program of the new SPE year to include a marketing perspective and possible Plant Tour. Cleveland Section has great interest to be involved in planning meetings for joint activities.



Minutes of Board Meeting – June 8 (cont.)

David proceeded to confirm Board for 2009-2010 as noted below.

President – David Katz President Elect – TBD Past President – Joe Mattingly Councilor – Joe Mattingly/Kevin Malpass Treasurer – Gary Taylor Secretary – David Schultz Web – Tony Dean Education Foundation – Bob Wegelin Education – Kevin Cavicchi with Lloyd Goettler mentor House – Mark Holtman with Bob Wegelin (need to confirm as mentor) Student Chapter – Dr. Sadhan Jana -President – TBD

Closing Comments: Meeting was adjourned at 8:30. The next meeting of the Akron SPE Board of Directors is to be advised.

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Akron Section Board of Directors

330-310-0156 T

David Katz

President	katzjeep@yahoo.com
Dave Schultz	330-798-6535 T
<i>Harwick Standard Dist. Corp.</i>	330-798-9328 F
Secretary	schultzd@harwickstandard.com
Gary Taylor	330-336-6621 T
<i>Myers-Wadsworth</i>	330-334-7100 F
Treasurer	gtaylor@po.akro-mils.com
Joe Mattingly Past-President, Councilor, Akron SPE Website Renewal	330-962 5299 T jsmatting@aol.com
Vivian Malpass <i>Tek-Mark International</i> Prior Past-President, Conf., TOPCON 2010	330-342-1120 T 330-342-1134 F vivian.malpass@tek-mark.com
Chaitanya Pratiwada	330-780-6415 T
Student - U Akron Polymer En	gineering 330-258-2339 F
Student Chapter President	chaitanya.pv@gmail.com
Kaan Gunes	330-972-5795 T
<i>Student - U Akron Polymer En</i>	gineering 330-258-2339 F
Director	kg23@uakron.edu
Bob Wegelin	330-414-1498 T
<i>Retired</i>	robert.wegelin@sbcglobal.net
Director, Education Foundatior	1
Kevin Malpass	330-490-4743 T
<i>Diebold, Inc.</i>	330-490-4788 F
Director	kevin.malpass@diebold.com
Sadhan Jana	330-972-8293 T
<i>U Akron Polymer Engineering</i>	330-258-2339 F
Director, Student Chapter Advi	sor janas@uakron.edu
Tony Dean <i>Retired</i> – Director, Public Interv Website Manager, Newsletter Newsletter Advertising	
Reza Sadeghi	330-630-7108 T
<i>A. Schulman</i>	330-630-3349 F
Director, Membership	reza_sadeghi@aschulman.com
Kevin Cavicchi	330-972-8368 T
<i>U Akron Polymer Engineering</i>	330-258-2339 F
Director, Education	kac58@uakron.edu
Mark Holtman	330-972-6008 T
<i>U Akron Polymer Engineering</i>	330-258-2339 F
Director, House	holtman@uakron.edu
Lloyd Goettler	330-666-5180 T
<i>Retired</i> – Director, Section Rer	newal goet30@aol.com
Jenny Digiantonio	330-849-5166 T
<i>ExxonMobil Chemical</i>	330-849-5599 F
Newsletter jen	ny.digiantonio@exxonmobil.com
Open Positions: President-Elect Awards Committee Spring Golf	

Contacts at SPE INTERNATIONAL

13 Church Hill Road Newtown, CT 06470 Phone: 203-775-0471 • Fax 203-775-8490 Web: www.4spe.org all phones in area 203 - all e-mail @4spe.org

NAME / Function

e-mail / phone

Daniel J. Domoff Managing Editor

djdomoff 740-5429

Lesley Kyle Sr. Event Manager

Iskyle 740-5452

seoderwald

Tobi Gebauer tgebauer 740-5457 Senior Manager, Membership

Tricia McKnight tmcknight Senior Liaison, Leadership Services 740-5430 Section, Division, SIG, Student Chapter Admn.

grbristol Gail R. Bristol Managing Director, Foundation 740-5447

Elizabeth Regan ereagan Online Technical Program Coordinator 253-1368

Susan Oderwald Executive Director

740-5471 Peter Boergermann pboergermann

Technical Program Coordinator 740-5472

Bonnie Kaczowski bakaczowski **Customer Relations Manager Membership** 740-5428

Tom Conklin tconklin Sr. Manager, Marketing 740-5453

Board Of Director Meeting Dates (Monday):

2009--9/14, 10/5, 11/2, 12/7

2010--1/4, 2/1, 3/1, 4/5, 5/3, 6/7



Akron Section Society of Plastics Engineers, Inc.

The Akron Society of Plastics Engineers Educational Foundation operates exclusively for the benefit of and to carry out the purposes of the Akron Section of the Society of Plastics Engineers, Inc., which is to promote scientific and engineering knowledge relating to plastics by making educational scholarship grants to deserving students in the field of plastics engineering and related subjects. The Organization is supported primarily by contributions from the Akron Society of Plastics Engineers, the Society's individual members and corporations like yours affiliated with the polymer industry.

Since the inception in 1988, the Akron Society of Plastics Engineers Educational Foundation has grown to its current position through the hard work of many volunteers and the generosity of the local business community. Over the twelve years that the foundation has been in existence, it has provided scholarships to over 250 young men and women, totaling in excess of \$200,000 to assist them in furthering their careers in the polymer industry.

Our goal is to continue to grow the assets of the Foundation in order to increase the number of scholarships awarded as well as the size of the awards, and to do so in perpetuity. In doing this, we hope to be able to contribute to the supply of well-trained individuals to support the growth of the polymer industry in the Northeast Ohio area today and well into the future.

When the Foundation began its fund raising activities in 1988, we offered those companies who contributed \$30,000 a scholarship in their name. To date we have three named scholarships – *Omnova, Rubbermaid* and *Goodyear*. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please check below:

[] \$30,000 lump sum [] \$10,000 / yr next 3 yrs. [] \$5,000 / yr next 6 yrs.

[] Other _

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your donation at our Awards Night, which will be scheduled in May.

We are looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 330-414-1498 or e-mail at robert.wegelin@sbcglobal.net with any questions. Thank you for your consideration.

Sincerely, Bob Wegelin, Chairman Akron Section Society of Plastics Engineers, Education Foundation Committee



SPE MEMBER RENEFITS GUIDE

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Website links subject to change - check www.4spe.org for full benefits

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It has never been more important to be a member of your professional society than now, in the current climate of change and volatility in the plastics industry. Now, more than ever, the information you access and the personal networks you create can and will directly impact your future and your career.

> Active membership in SPE: • keeps you current • keeps you informed • keeps you connected

The question really isn't "why join?" but

WHY NOT?



Akron Section Society of Plastics Engineers

Tony Dean, Advertising Manager 330-929-9916

Insertion Order 2009-10

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Please check ad size wanted. One column is 3-7/8" wide.

This is the 51st year of the Akron SPE Section and rates are for entire season, September 2009 – Summer 2010. **Payable in Advance. Please let me know if you need an invoice.**

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Society of Plastics Engineers Membership Application

P.O. Box 403, Brookfield, CT 06804-0403 USA Tel: +1 203-740-5403 Fax: +1 203-775-8490 www.4spe.org

European Member Bureau Eric Sasselaan 51, BE-2020 Antwerpen, BELGIUM Tel: 32 (0)3 541 7755 Fax: 32 (0)3 541 8425 www.speeurope.org

Applicant information	
Name:	Gender: 🛛 Male 🖓 Female
first last mi	Birth Date: (mm/dd/yyyy)
Company Name and Business Address (or College):	Demographics
company/college:	Job Function (choose only one)
	Consulting Purchasing Design Quality Control
job title:	□ Education (Faculty) □ R & D
address:	
	General Management Manufacturing Self-Employed Student
address:	□ Marketing/Sales □ Tech Support
city: state:	Cher Cher
zip: country:	Materials (choose all that apply) Composites Polyolefins
zip: country: Phone/Fax Format: USA & Canada: (xxx) xxx-xxxx All Others: +xx(xx) x xxx xxxx	Film Polystyrene
Work Phone: Fax:	General Interest Kylon General Interest Thermoset
Work Phone: Fax:	□ PÉT □ Vinyls
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	Process (choose all that apply) Blow Molding Injection Molding
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