RTP Company Imagineering Plastics Workshop

Our Imagineering Plastics Workshop is focused on the needs of designers and engineers at businesses like yours, who rely on material technology to outpace competitors and develop successful commercial projects.

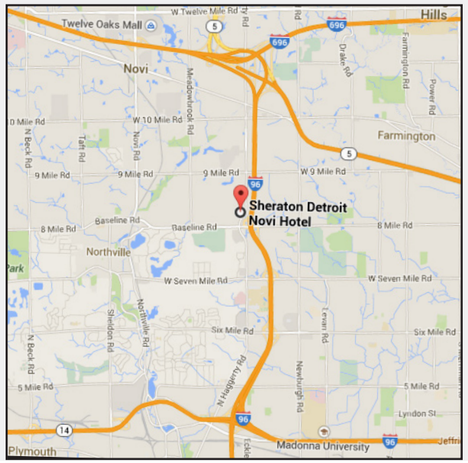
"Good, solid presentations blending technical issues with RTP Company's ability to address those issues." – *Manager from Atlanta*

"The information was presented for all levels of plastic knowledge." – *Designer from Charlotte*

"Very experienced, knowledgeable speakers." – *Engineer from Atlanta*

Tuesday, September 30, 2014
8:00am – 5:00 pm
HILTON GRAND RAPIDS AIRPORT
4747 28th Street SE
Grand Rapids, MI 49512 | USA

Thursday, October 2, 2014
8:00am – 5:00 pm
SHERATON DETROIT NOVI
21111 Haggerty Road
Novi, MI 48375 | USA



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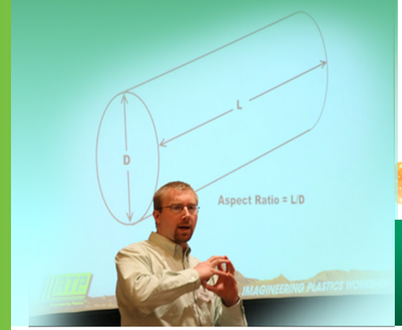
ISO 9001 REGISTERED FACILITIES

Engineered Plastics Workshop

RTP Co. Imagineering Plastics®



You will learn about –

- Selecting the correct thermoplastic for your application
- How to engineer materials to meet specifications
- Additives used in polymers to increase performance
- Computer-aided engineering (CAE) tools for part design and process improvements

Learn from our experts!

www.rtpcompany.com/workshop

Imagineering Plastics Workshop
Reserve your seat today!

RETURN SERVICE REQUESTED

580 EAST FRONT STREET
P.O. BOX 5439
WINONA, MN 55987-0439

RTP Co. Imagineering Plastics®

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RTP Co. Imagineering Plastics®

STRUCTURAL • THERMOPLASTIC ELASTOMERS • WEAR
COLOR • CONDUCTIVE • FLAME RETARDANT • FILM/SHEET

Your Global Compounder of Custom Engineered Thermoplastics

Explore material technologies with our experts!

You and your colleagues are invited to join RTP Company for a one-day, no cost Imagineering Plastics Workshop where our experts will guide you in your engineered thermoplastic material selections.

Locations/Dates... *Choose your venue from the workshops listed below*

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Online registration is open at: www.rtpcompany.com/workshop

For Questions:

Contact your RTP Company Sales Engineer, or
call Andy Lamberson at 507-474-5470; or email: alamberson@rtpcompany.com

RTP Company
Imagineering Plastics Workshop

Schedule *Create your own schedule from the sessions listed below*

8:00 – 8:40 a.m. - Registration and Continental Breakfast

8:40 – 9:00 a.m. - Welcome and Introduction
Kevin Jennings - Central Regional Sales Manager

9:00 a.m. - An Engineer's Guide to Specifying the Right Thermoplastic
Steve Maki - VP of Technology
Steve will explain how to use resin morphology, temperature performance, and cost to choose the right resin. Plus, how additives can further enhance performance. Case studies will test your knowledge.

A – Schedule

10:00 a.m. - Tough or Strong? Short or Long? Dialing in Mechanical Performance
Brennon Ashton - Product Development Engineer
Many additive technologies can enhance the mechanical properties of plastics. Brennan will discuss the gamut from polymer blends to Very Long Fiber reinforcement, including the use of high performance engineering resins.

11:00 a.m. - Live in the Wall Section: CAE Tools
Barb Matousek - CAE Analyst
Not all analysis is created equal; understand what you're getting and what it means. Barb will give a comprehensive review of CAE analysis tools and their capabilities for aiding part design and trouble-shooting.

B – Schedule

10:00 a.m. - Conductive & EMI Thermoplastic Technologies
Ned Bryant - Senior Product Development Engineer
Join Ned for a review of conductive and EMI technologies with an emphasis on the customization of compounds for automotive applications.

11:00 a.m. - Everything You Need to Know about TPEs
Brandon Bubak - Sales & Marketing Director
Go beyond the acronyms and understand the world of thermoplastic elastomers, as Brandon explains what they are made of, how and why they do what they do, how they compare to one another, and where they can be used.

12:00 a.m. - 1:00 a.m. - Complimentary Lunch

1:00 p.m. - The Long and Short of it: VLF (Very Long Fiber)
Karl Hoppe - Senior Product Development Engineer
Karl takes a look at "stiff and tough" Very Long Fiber composites as a replacement for metal or other engineered materials. Learn about their unique benefits, performance, and processing.

2:00 p.m. - Plastic Design Principles for Structural Composites
Keith Scales - CAE Analyst
Keith offers comprehensive overview of basic part design guidelines as well as important principles for designing with reinforced thermoplastics including material issues, tool design concerns, and processing challenges.

3:00 p.m. - Eco-Friendly, Engineered Plastic Solutions
Will Taber - New Technology Market Manager
Will goes beyond "green" buzzwords and explains how bioplastic and recycled materials can be engineered to meet the performance requirements of semi-durable and durable goods.

1:00 p.m. - Driving Solutions to Clear the Fog from Light Diffusion
Anna Kreofsky - Product Development Engineer
Anna provides a fresh review of design trends and proven solutions for the demanding optical needs required by 21st century automotive infotainment applications, including light diffusion, wavelength attenuation, and color correction/control.

2:00 p.m. - Fundamentals of Thermoplastic Wear and Friction
Ben Gerjets - Product Development Engineer
Ben will help you make sense of wear and friction principles that affect plastics. He'll explain additive solutions beyond PTFE, material evaluation and testing methods, and share exclusive results for Ultra Wear products.

3:00 p.m. - Flare Retardants and the Evolving Regulatory Landscape
Jesse Dulek - Product Development Engineer
Jesse reviews the mechanisms for making plastics flame retardant while also showing what you need to know to meet both industry testing standards and changing environmental regulations.

4:00 p.m. - A Practical Guide to the Process of Selecting Materials
Karl Hoppe - Senior Product Development Engineer
Karl focuses on the material selection process, from identifying important properties through qualification testing, highlighting steps to take (or not take!) to ensure a successful project. Lively examples will illustrate the process.

4:50 – 5:00 p.m. - Closing Remarks