TechnoBiz Training Program

Plastics Compounding with Twin Screw Extruders

16 MAY 2018, MUMBAI

In every industry, there are processes that are simple, unique, complex, versatile, challenging, exciting, indispensable, high-tech, poorly understood and so on. In the Plastics industry, there is one process which has all these attributes at the same time. That process is called COMPOUNDING!! In spite of all the technological prowess of modern times, Plastics Compounding still has a mysterious aura around it and remains somewhat of an art. This Seminar proposes to address and understand some of these mysteries.

Basically, a Compounding process thoroughly mixes dissimilar materials converting the mixture into a usable form and can be done using many types of machines. This Seminar will focus on co-rotating Twin Screw Extruders used for compounding Plastics. To properly understand this deceptively simple process it is necessary to know the underlying theory of basic machine design and processing. This Seminar begins with these fundamentals and progresses through to advanced process control of extrusion compounding. Addressed are effects of control parameters on behaviour of the process and how these parameters may potentially affect product quality.

WWW.PLASTICS-INDUSTRY.ORG

PROGRAMME CONTENT :

- Fundamental concepts of Plastics Compounding
- Basic Concepts of Twin Screw Extruder Design
- Process Design & Optimization
- Process Improvement Tips & Tricks
- Application Case Studies
- Process Troubleshooting
- Latest Trends

TRAINER : DR. PRADEEP BAKSHI

Dr. Pradeep Bakshi is a well-known consultant in the Indian Plastics Compounding industry having consulted with well-known Indian and Muliti-National organizations. He consults in the field of Plastics Compounding with special focus on compounding of Engineering and Speciality Plastics including product technology, new developments, new applications of materials, grass-roots projects and plant management & MIS. A Fellow of Indian Plastics Institute, former member of Managing Committee of SPE India Chapter, visiting professor ICT (Institute of Chemical Technology, #1 Technology Institute in India) he is involved in several industry associations and has been invited to delivered lectures and seminars at many National and International events. He has patents in software for extruder configuration, twin screw extruder parts design and Compounding process design. Pradeep's entire career has been in Plastics Compounding since his 1st job with TIPCO Ltd. (collaboration Ferro Corpn., USA) in 1982 for 9 years and then with GE Plastics as Plant Manager of their India Operations and subsequently Vice President of Technology. Since April 2000 he is an independent consultant. His Ph.D. is in Polymer Science from ICT and he completed IEngAMIM from Institute of Materials UK with 1st prize.

REGISTRATION FEE/PERSON

- Indian Delegates : 15,000 Rs + GST
- Overseas Delegates : 500 US$

Early Bird Discount : 10% discount for registrations received before 20 February 2018; 5% discount for registrations received before 20 March 2018

Group Discount : 10% discount for group of 3 or more registrations; 15% discount for group of 5 or more registrations; All delegates must be same company

VENUE

This course will be held in 4-Star Hotel in Mumbai. The exact venue will be informed to registered delegates before 15 April 2018.

HOW TO REGISTER?

Please download registration form at www.plastics-industry.org and send filled registration form to Mrs. Sirisha Matsa (email: 4S.CustomerService@gmail.com / Tel: 7010 222 294)

To register, please contact

Event Manager

4S RESOURCES

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Organizer

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