



## **Injection Molding Essentials**

### **Understand the Injection Molding Process!**

This course is designed for anyone new to injection molding. It provides a solid foundation for understanding the injection molding process and the critical practice of good production techniques.

Students leave this course familiar with all major components of an injection molding machine and mold, as well as the three elements of the cycle and what happens during each phase. They will understand the general nature and properties of plastics, the economic impact of making rejects, blocking cavities, and cycle time variation, and the importance of the plastic variables (melt temperature, flow rate, pressure gradient, cooling rate, and time) when troubleshooting a process.

#### **Topics of Discussion:**

- Nature and properties of plastics
- Basic injection molding
- The clamp, injection unit, and mold
- Elements of the cycle
- Molding for quality
- Avoiding common molding problems



## Course Details & Fees:

**Course:** Systematic Molding  
**Facilitator:** RJG China  
**Instructor:** Zhao Tangjing or Sean Yang

**Cost:** 4,500 RMB per Person (includes tax)  
Hotel and Travel Costs are the Responsibility  
of the Attendee

**Maximum Number of Students**  
20 Participants (first come first served basis)  
Max 2 Persons Per Company

**Times:** 9:15am - 5pm CST (Day 1)  
9am - 5pm CST (Days 2)

## Course Location Information:

City	Location	Recommended Hotel
Suzhou	TBD	TBD

### Registration Form

☐ 02-03 March 2021

Attendee Name:

Title:

e-mail:

Mobile:

Attendee Name:

Title:

e-mail:

Mobile:

Company:

Address:

Contact person:

Tel:

Fax:

e-mail:

For faster response and to reserve your seat, please fax in the form to: +86-028-62010816  
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