



## APPLIED POLYMERIC MATERIAL TECHNOLOGIES AND PROCESSING TECHNIQUES TRAINING

Polymeric materials are widely used in many industrial applications, spanning from medical, aerospace, food to electronics. Though, basic polymer processing activities are no longer carried out in Singapore nowadays, expertise in polymer technologies, product design and processing techniques are still very much needed in various Singapore industries.

The purpose of this training course, jointly organised by Singapore Polytechnic School of Chemical & Life Science (SP-CLS) and the Plastics & Rubber Institute of Singapore (PRIS), is to provide a platform to upgrade polymer materials and processing technologies of personnel working in material related areas to meet the needs of Singapore industries. The training will be conducted by instructors with many years of industrial experiences in materials technologies and polymer processing. Hand-on sessions will be conducted in the Materials Performance Centre of Singapore Polytechnic. Certificate of attendance will be issued to participants who complete the training successfully.

### Training Date & Venue

**Date** : 10<sup>th</sup> & 11<sup>th</sup> December 2020

**Venue** : Singapore Polytechnic  
Materials Performance Centre



### Who should attend

- Technical or sales personnel working in polymer and processing areas.
- Others who are interested to know more about polymer materials and processing.

### Programme schedule

#### Day 1:

Session 1 – Introduction, Polymerisation, Properties & Processing of Polymer Materials

Session 2 – Thermoplastics, Elastomers, Thermosets & Industry Applications

Session 3 – Physical Properties of Polymers and Identification of Polymers

Session 4 – Mechanical and Rheological Property of Polymers

#### Day 2:

Session 5 – Fundamentals of Polymer Processing and Moulding Process

Session 6 – Injection Mould and Gate Designs

Session 7 – Polymers Injection Moulding Defects and Trouble Shooting Techniques

Session 8 – Injection Moulding & Mechanical Testing Hands-on/Quiz Assessment



## REGISTRATION FORM

Applied Polymeric Material Technologies and Processing Techniques Training  
10<sup>th</sup> & 11<sup>th</sup> December 2020

Name of Participant : \_\_\_\_\_ (Mr / Ms)  
Job Position : \_\_\_\_\_  
Company Name : \_\_\_\_\_  
Company Address : \_\_\_\_\_  
\_\_\_\_\_  
Contact Email : \_\_\_\_\_  
Contact Number : \_\_\_\_\_

### Registration Fee

- ❖ Early bird discount registration before 13<sup>th</sup> November 2020
  - PRIS Member = \$580; Non-member = \$680
- ❖ Registration from 13<sup>th</sup> November 2020
  - PRIS Member = \$680; Non-member = \$780
- ❖ Fee includes training notes.
- ❖ For enquiry on workshop, please contact Ms Agnes Siah at [secretarysupport@pris.org.sg](mailto:secretarysupport@pris.org.sg)

### Payment Instructions

- ❖ Please mail cheque/bank drafts payable in SGD\$ to 'Plastics and Rubber Institute of Singapore' together with completed registration form to the following address:

Attention to: Ms Agnes Siah  
The Plastics and Rubber Institute of Singapore  
Tanglin Post Office Box 354  
Singapore 912412

- ❖ Participant will receive email notification upon successful registration of the training.
- ❖ An official receipt will be issued to participant.
- ❖ The closing date for registration and payment is 30<sup>th</sup> November 2020.
- ❖ Participant who wish to withdraw must inform by email before 30<sup>th</sup> November 2020.
- ❖ Refund policy:
  - Before 30<sup>th</sup> November 2020, a 100% refund will be given.
  - After 30<sup>th</sup> November 2020, no refund will be given.