

Short Courses at Smithers Rapra Technology

Introduction to Silicone Elastomers

17 March 2011

20 October 2011



www.rapra.net

www.rapratraining.com

Introduction to Silicone Elastomers

1-day Professional Development Course

17 March 2011
20 October 2011

Course Overview: The properties and processing of silicone rubbers are often very different from other elastomers. This course is structured to provide an understanding and overview of the main types of silicone rubber currently available and will give a comparison of chemical structure; manufacturers; grades; properties; compounding; processing and applications between each type.

Enough basic polymer science is included to understand these topics, and extensive use will be made of samples and other visual aids to assist. Reference is made to the place of silicone rubber relative to other commercial polymers.

Who will benefit:

- Designers and others involved in product development
- Applications development personnel
- Quality and technical managers
- Sales and marketing personnel
- Anyone wishing to gain a knowledge base on silicone rubber

...within companies which may be:

- Material suppliers
- Processors and manufacturers of finished and semi-finished products/components

Course Fee:

£375.00 + VAT - to include extensive lecture notes, lunches and refreshments.

This course has been recognised by the Institute of Materials for Professional Development Purposes.

Venue:

Smithers Rapra, Shawbury, Shrewsbury, Shropshire, UK, SY4 4NR.

Presenters:

Gary Crutchley, Principal Consultant - Smithers Rapra,
John Manley, Principal Consultant - Smithers Rapra

Organisers – Smithers Rapra



Smithers Rapra Technology Limited, better known as Smithers Rapra, is a wholly owned subsidiary of The Smithers Group and is recognised as a world leading plastics and rubber consultancy. Smithers Rapra provides a comprehensive independent service covering technology and information services for the polymer industry and industries using plastics and rubber.

Smithers Rapra has provided a world leading portfolio of Rubber Plastic and other Polymer Information products and services for over 85 years.

Smithers Rapra, part of the Smithers Group, has expanded its service offering to cover other business areas and industries harnessing the expertise of the Smithers Rapra management team and the knowledge of other companies within the group.

Registration Conditions

Registrations can only be accepted if made in writing, by fax, post or on our secure website www.rapratraining.com. Payment must be received in advance of attendance on the course and can be made in £Sterling, US\$ or E Euro.

Provisional Bookings

Please contact the Training Organiser to make a provisional booking. To secure your place written confirmation must be received within 10 days of the provisional booking being made.

Joining Instructions

i.e. letter of confirmation, directions to Rapra, and hotel information will be sent on receipt of your registration. Accommodation is not included in the course fee, however Smithers Rapra has negotiated rates with several hotels in the vicinity. Details will be sent on confirmation of booking.

Cancellations and Transfers

Please note, we endeavour to accommodate our delegates' requests, however, most of our courses have limited numbers to maximise the interactivity between delegates and tutors. Cancellations or transfers at late notice may jeopardise the

commercial viability of the course.

For this reason we are obliged to charge the following administration fees or surcharges: Cancellations made up to 14 days or more before the requested course date will be refunded, less a 20% administration fee.

Requests to transfer to another course made up to 14 days or more before the requested course date will be accommodated, subject to availability of places on the new course date.

Cancellations and requests to transfer made within 14 days of the course date will be subject to the FULL course fee and no refund will be given.

Delegate Substitutions

Can be made at any time without incurring penalty.

Amendments to Programmes

Smithers Rapra reserves the right to cancel or modify any event in its programme. In the event of a cancellation where an alternative cannot be provided, payment received in respect of that course will be refunded in full. The liability of Smithers Rapra is limited to the reimbursement of the course/seminar fee.

course content

- Introduction to silicone elastomers and their market position relative to other polymers.
Major types (HTVs, RTVs, LSRs).
- Modifications to basic MQ (VMQ, PMQ, PVMQ, FMQ, FVMQ), structure and properties.
Compounding and additives.
- Processing (moulding, extrusion, coating, fabrication, curing), concentrating on aspects peculiar to silicone rubber.
- Commercial materials and grades:
Applications.
Future potential.
- Course summary.

Registration Form

Fax to

+44 (0)1939 251118

Please reserve a place on the Introduction to Silicone Elastomers Training Course

Date (please use one form per delegate, photocopies are acceptable)

Surname..... Title

Forename

Job Title/Position

Company

Contact Address

Address.....

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.....

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Telephone.....

Fax.....

Email.....

Invoice Address (if different)

Company.....

Address.....

.....

.....

Telephone.....

Fax.....

Email.....

Payment Information

Payment must be received prior to attending the course and can be made in £ Sterling, € Euro or \$US.

Please indicate in which currency you wish to pay. If no box has been ticked the default currency will be £ Sterling.

- £ Sterling
- € Euro (This will be applicable at the prevailing rate)
- \$US (This will be applicable at the prevailing rate)
- Please invoice my company - Purchase Order Number (if required)
- Cheque/Bank Transfer

- Credit Card Payment: MasterCard Visa American Express (please indicate)

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Expiry Date:

Signature

Name on Credit Card (in CAPITALS)

Security Number (as printed in signature box on reverse of card)

Return to:
Gill Tunnicliffe, Training Dept, Smithers Rapra
Technology, Shawbury, Shrewsbury, Shropshire,
SY4 4NR, United Kingdom.
Tel: +44 (0)1939 250383 Fax: +44 (0)1939 251118
e-mail: gtunnicliffe@rapra.net

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Registration Terms: By completing and returning this form delegates are agreeing to be bound by conditions of registration.