

WHAT OUR DELEGATES SAY

“The skill set of the providers is **clearly world class** and it has been a privilege to listen to them”
Rikki Speakman (Diageo Global Supply)

“I would give it **5***. Brilliant atmosphere, interesting lab experience, delicious lunch, beautiful location”

Olga Koprowska (Cambridge Weight Plan)

“Lots of information in a short time”

Richard Nilsson (Tetra Pak)

“One of the **best courses** I have attended”

Patrick McHugh (Fibrax Ltd)

“**Fantastic** course and will promote within my company”

Matthew Hall (Xylem Water Services Ltd)

“Course better than most. Has given a **greater insight** into what happens inside an extruder and will enable me to fault find quicker and improve running conditions”

Darren Manoharan (Zotefoams Plc)

“Really good and **presenters were excellent** too, made it easier to tackle difficult regulatory issues”

Hanna Peltonen (Hexpol Compounding UK Ltd)

“Presentation of material **excellent** and a lot of information supplied. Good pointers to follow up material” **Paul Fram (Princess of Wales Hospital)**

“Excellent, it is great how we managed to cover **so many topics** in such a short time”

Giuliano Tari (Kingfisher)

ABOUT SMITHERS RAPRA

Smithers Rapra is a global leader in rubber, plastics and polymer testing, consulting services, conferences, training and publications and market reports with particular focus in the tyre, industrial, automotive, consumer and medical industries.



Contact the Experts Today

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Many courses IOM accredited



MAXIMISE YOUR CAPABILITIES,

PROMOTE PROFESSIONAL GROWTH...



TRAIN WITH THE PLASTIC AND RUBBER EXPERTS IN 2019

Short courses and Bespoke training

- ✓ Understand the plastics and rubber supply chain
- ✓ Deal with relevant industry regulations
- ✓ Recognise key processes and technologies
- ✓ Improve efficiency and competitiveness
- ✓ Make informed decisions when developing products



ONE AND TWO DAY SHORT COURSES

- ✓ Expert tutors with breadth and depth of real-world experience
- ✓ Individual attention, small groups
- ✓ Programmes developed from our experience in industrial problem solving
- ✓ Targeted introductions or intermediate courses
- ✓ Skill development for manufacturers across a wide range of sectors: medical devices, automotive, consumer products, oil and gas, packaging and more



- ✓ Focus on practical application of knowledge: course programmes are designed to support those in product design, development and process engineering roles
- ✓ Essential technical understanding for those working in areas such as quality, technical services, procurement, technical sales and regulatory affairs
- ✓ CPD credits: many courses are IOM³ accredited, see website for full details

2019 SHORT COURSES

Courses are held at Smithers Rapra, Shawbury, Shropshire, SY4 4NR, UK

Course	Dates Available
Introduction to Rubber Technology	6-7 Feb, 12-13 Jun, 6-7 Nov
Polyurethanes: An Introduction – Science, Applications, Technology	13-14 Feb, 11-12 Sept
Introduction to Plastics and Rubber in Medical Devices	20-21 Mar, 4-5 Dec
Introduction to Food Contact Materials – Products, Regulations and Testing	6-7 Mar, 20-21 Nov
Introduction to Silicone Elastomers	10 April, 9 Oct
A Practitioner’s Approach to Polyurethane	16-17 Oct
Introduction to TPE	9-10 Apr, 25-26 Sept
Basic Tyre Technology	1 May
Specifying Rubber to Avoid Failure	15 May
Investigating Failure in Rubber Components	22 May
Sealing with Elastomers	13 Nov
Environmental Impact of Plastics	11 April, 19 June, 4 Sept, 14 Nov
Understanding Polymer Durability in Critical Applications	16 May
Investigating Failures in Plastic Components	2 May
Recycling and Re-use of Waste Rubber	23 May
Recycling and Re-use of Waste Plastics	10 Oct
Plastic Injection Moulding Technology	13-14 Mar, 18-19 Sept
Plastics Technology – An Introduction	27-28 Mar, 5-6 Jun, 27-28 Nov
Exploring Plastics Extrusion	27-28 Feb, 2-3 Oct

Book online

www.smithersrapra.com/training

CUSTOMISED RUBBER AND PLASTICS TRAINING

Off the shelf or fully-bespoke training courses designed around the needs of your business

- ✓ Training solutions developed to meet your needs
- ✓ Delivered at your site or a venue of your choosing
- ✓ Presented by experienced consultants who solve clients’ problems on a daily basis
- ✓ Providing a close business fit increases employee involvement
- ✓ Scope for additional consultancy support and real-time troubleshooting

We can help with:

- ✓ Fundamentals of rubber and plastic materials
- ✓ Manufacturing optimisation
- ✓ Materials selection
- ✓ Avoidance of failure
- ✓ Cost down projects
- ✓ Long term durability
- ✓ Specialised materials - e.g. silicones, polyurethanes, high temperature polymers
- ✓ Applications include medical, automotive, food contact, industrial components

