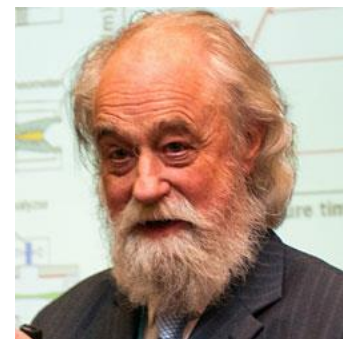


Online MasterClass (KnowHow Webinars – TechnoBiz)

Improving Performance of Filled Elastomers

Speaker: Prof. Robert Schuster

11 Modules / Training Hours: ~20 (3-Day Program)



DAY 1			
09:00-11:15	Module 1	Carbon Black - Characterization, Dispersion & Reinforcement of Elastomers	135 minutes
11:15-12:30	Break Time		75 minutes
12:30-14:45	Module 2	Precipitated Silica - Characterization, Dispersion & Reinforcement of Elastomers	135 minutes
14:45-15:45	Break Time		30 minutes
15:45-17:30	Module 3	Importance of Filler Dispersion and Test Methods in Rubber Compounding	105 minutes
DAY 2			60 minutes
09:00-10:30	Module 4	Importance of Filler Distribution in Rubber Blends	75 minutes
10:30-11:00	Break Time		30 minutes
11:00-12:30	Module 5	Efficient Plasticizers for Filled Elastomer Compounds	90 minutes
12:30-13:30	Break Time		60 minutes
13:30-15:50	Module 6	Rubber Curing by Sulfur – Property Design	140 minutes
15:50-16:20	Break Time		30 minutes
16:20-18:00	Module 7	Rubber Curing by Peroxide – Advantages & Limitations	100 minutes
DAY 3			
09:00-10:25	Module 8	Oil Resistant Rubbers	85 minutes
10:25-11:00	Break Time		35 minutes
11:00-13:20	Module 9	Mixing in High Performance Rubber–Theory & Applications	140 minutes
13:20-14:20	Break Time		60 minutes
14:20-16:30	Module 10	Dynamic–Mechanical Properties of Rubber Compounds	130 minutes
16:30-17:00	Break Time		30 minutes
17:00-18:20	Module 11	Q & A (Part 1): Improving Performance of Filled Elastomers <i>(Answers for Questions received from Past Participants)</i>	80 minutes

Q & A Session: All presentations are pre-recorded. Participants are requested to submit questions on each module. The submitted questions from the participants will be reviewed by experts and discussed in a separate Q & A session after completion of all the modules. The schedule of this QA will be notified appropriately to all registered participants. If participants are unable to join this Q&A schedule, TechnoBiz provides an opportunity for the participants to view the recorded Q & A session at later period.

TechnoBiz Knowledge Test: All the registered participants are required to participate in the TechnoBiz Knowledge Test on “Tyre Compounding” to receive MasterClass Certificate. The test schedule will be held 7 days after completion of program. Test length is 90 minutes. The online link for the test will be sent to the registered participants two days before schedule. The test format is multiple choice and true/false format questions.

MasterClass Certificate: Participants who joins all modules, QA session and Knowledge Test will receive “MasterClass Certificate”

Registration Fees

- Public Schedule (*Week Day: Mon-Fri*): Member: 550 US\$; Non-Member: 750 US\$; Group (5-Pax): 2000 US\$
- Public Schedule (*Week End: Sat-Sun*): Member: 660 US\$; Non-Member: 900 US\$; Group (5-Pax): 2400 US\$
- Custom Schedule (*Designed by Participant*): Member: 825 US\$; Non-Member: 1125 US\$; Group (5-Pax): 3000 US\$

If you miss any modules, you can review the missed modules at an additional fee of 45 US\$/module/person.

Schedules: Please visit www.knowhow-webinars.com for upcoming schedules.

Registration Form: Please visit <https://webinars.technobiz.org/event-form-19975/>.

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